856 Ship Notice/Manifest

Functional Group ID=SH

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Ship Notice/Manifest Transaction Set (856) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to list the contents of a shipment of goods as well as additional information relating to the shipment, such as order information, product description, physical characteristics, type of packaging, marking, carrier information, and configuration of goods within the transportation equipment. The transaction set enables the sender to describe the contents and configuration of a shipment in various levels of detail and provides an ordered flexibility to convey information.The sender of this transaction is the organization responsible for detailing and communicating the contents of a shipment, or shipments, to one or more receivers of the transaction set. The receiver of this transaction set can be any organization having an interest in the contents of a shipment or information about the contents of a shipment.

Notes:

1. Contractors use this transaction set to send a single Shipment Notice (SN) under a single shipment number to a quality assurance representative (QAR).

2. Contractor, Contract Administration Offices and other parties, such as Purchasing Offices, Item Managers and Program Managers, use this transaction set to provide shipment information to designated in a contract, Inventory Material Manager, or other Service/Agency designated organizations (the latter via their Automated Data Processing points). Contractors must transmit a Material Inspection and Receiving Report (MIRR, DD Form 250), Ship Notice, within one workday of shipment or performance. CAOs transmit a Shipment Performance Notice after receipt of a contractor transmitted Shipment Notice.

3. Use a single occurrence of this transaction set to report, cancel, or correct, either one or more supply (including bulk petroleum) and service Shipment Notice or Shipment Performance Notice to one or more activities. Use one occurrence of this transaction set to transmit single or multiple transactions.

4. This transaction set does not cover full reporting requirements for Tanker/Barge Material Inspection and Receiving Reports.

5. Use this transaction set to send an original Shipment Notice, or cancel a previously transmitted Shipment Notice.

6. The Defense Finance and Accounting Service uses a single occurrence of this transaction set to transmit Destination Acceptance alert information to ship-to addresses of material shipments requiring acceptance at destination.

7. Use a single occurrence of this transaction set to transmit destination acceptance alerts for one or more shipments.

8. Do not include classified information in the Shipment Notice or Shipment Performance Notice.

9. The Defense Contract Management Command does not send Shipment Performance Notices for Army, Navy, and Defense Logistics Agency fast pay contracts of $25,000 or less, except when reporting on bulk petroleum shipments.

Heading:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
Must Use	010	ST	Transaction Set Header	M	1		
Must Use	020	BSN	Beginning Segment for Ship Notice	M	1		
N/U	030	NTE	Note/Special Instruction	F	100		
	040	DTM	Date/Time Reference	O	10		

Detail:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - HL			200000	
Must Use	010	HL	Hierarchical Level	M	1		c1
	020	LIN	Item Identification	O	1		
	030	SN1	Item Detail (Shipment)	O	1		
	040	SLN	Subline Item Detail	O	1000		
	050	PRF	Purchase Order Reference	O	1		
	060	PO4	Item Physical Details	O	1		
	070	PID	Product/Item Description	O	200		
	080	MEA	Measurements	O	40		
N/U	090	PWK	Paperwork	O	25		
N/U	100	PKG	Marking, Packaging, Loading	O	25		
	110	TD1	Carrier Details (Quantity and Weight)	O	20		
	120	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		
	130	TD3	Carrier Details (Equipment)	O	12		
	140	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5		
	150	REF	Reference Numbers	O	>1		
N/U	151	PER	Administrative Communications Contact	O	3		
			LOOP ID - LH1			100	
N/U	152	LH1	Hazardous Identification Information	O	1		
N/U	153	LH2	Hazardous Classification Information	O	4		
N/U	154	LH3	Hazardous Material Shipping Name	O	12		
N/U	155	LFH	Freeform Hazardous Material Information	O	20		
N/U	156	LEP	EPA Required Data	O	3		
N/U	157	LH4	Canadian Dangerous Requirements	O	1		
N/U	158	LHT	Transborder Hazardous Requirements	O	3		
N/U	159	LHR	Hazardous Material Identifying Reference Numbers	O	10		
N/U	160	PER	Administrative Communications Contact	O	5		
N/U	161	LHE	Empty Equipment Hazardous Material Information	O	1		

				Req.		Loop	Notes and
			LOOP ID - CLD			200	
	170	CLD	Load Detail	O	1		
	180	REF	Reference Numbers	O	200		
N/U	185	DTP	Date or Time or Period	O	1		
	190	MAN	Marks and Numbers	O	>1		
	200	DTM	Date/Time Reference	O	10		
	210	FOB	F.O.B. Related Instructions	O	1		
N/U	215	PAL	Pallet Information	O	1		
			LOOP ID - N1			200	
	220	N1	Name	O	1		
	230	N2	Additional Name Information	O	2		
	240	N3	Address Information	O	2		
	250	N4	Geographic Location	O	1		
	260	REF	Reference Numbers	O	12		
	270	PER	Administrative Communications Contact	O	3		
N/U	280	FOB	F.O.B. Related Instructions	O	1		
	290	SDQ	Destination Quantity	O	50		
N/U	300	ETD	Excess Transportation Detail	O	1		
N/U	310	CUR	Currency	O	1		
	320	SAC	Service, Promotion, Allowance, or Charge Information	O	10		
N/U	330	GF	Furnished Goods and Services	O	1		
			LOOP ID - LM			10	
	340	LM	Code Source Information	O	1		
Must Use	350	LQ	Industry Code	M	100		

Summary:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
N/U	010	CTT	Transaction Totals	O	1		n1
Must Use	020	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. Number of line items (CTT01) is the accumulation of the number of HL segments. If used, hash total (CTT02) is the sum of the value of units shipped (SN102) for each SN1 segment.

Transaction Set Comments

1. The HL segment is the only mandatory segment within the HL loop, and by itself, the HL segment has no meaning.

Segment:	$\textbf{ST}$ **Transaction Set Header**	
Position:	010	
Loop:		
Level:	Heading	
Usage:	Mandatory	
Max Use:	1	
Purpose:	To indicate the start of a transaction set and to assign a control number	
Syntax Notes:		
Semantic Notes:	1	The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
Comments:		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
Must Use	ST01	143	**Transaction Set Identifier Code**	M	ID	3/3
			Code uniquely identifying a Transaction Set			
			856 X12.10 Ship Notice/Manifest			
Must Use	ST02	329	**Transaction Set Control Number**	M	AN	4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set			
			A unique number assigned by the originator of the transaction set, or the originator's application program.			

Segment:	**BSN** Beginning Segment for Ship Notice			
Position:	020			
Loop:				
Level:	Heading			
Usage:	Mandatory			
Max Use:	1			
Purpose:	To transmit identifying numbers, dates, and other basic data relating to the transaction set			
Syntax Notes:	1	If BSN07 is present, then BSN06 is required.		
Semantic Notes:	1	BSN03 is the date the shipment transaction set is created.		
	2	BSN04 is the time the shipment transaction set is created.		
	3	BSN06 is limited to shipment related codes.		
Comments:	1	BSN06 and BSN07 differentiate the functionality of use for the transaction set.		
Notes:	*Use the 2/LM/340 loop in the 2/HL/010 shipment loop to indicate the status of the transaction set, (i.e., cancellation or correction).*			

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	BSN01	353	**Transaction Set Purpose Code**	M ID 2/2

Code identifying purpose of transaction set

00	Original	
01	Cancellation	
CO	Corrected	

Use only after receiving an acknowledgment of receipt for a previously transmitted Shipment Notice. When used, the entire Shipment Notice will be transmitted.

	Ref. Des.	Data Element	Name	Attributes
Must Use	BSN02	396	**Shipment Identification**	M AN 2/30

A unique control number assigned by the original shipper to identify a specific shipment

1. Use, on other than Defense Logistics Management System Shipment Performance Notices, to cite the shipment number. If applicable, include the final shipment indicator (i.e., the letter Z) or if applicable, the replacement shipment indicator, e.g., A, B, etc., at the end of the shipment number.

2. When used by Defense Contract Management Command as a Shipment Performance Notice or destination acceptance alert, use ZZ for this data element, Defense Logistics Management System does not use this data element, but it is mandatory in the X12 standards. The ZZ entry satisfies the X12 usage requirements; the receiving application software shall not process it.

3. On Defense Logistics Management Service Shipment Performance Notices, do not include the final shipment indicator (Z) on underrun

deliveries when a final line item shipment is replaced. In that situation, use the 2/REF/150 segment.

Must Use	**BSN03**	**373**	**Date**		**M**	**DT**	**6/6**

Date (YYMMDD)

1. Use to indicate the transaction set creation date.

2. Express the originating activity's date in Universal Time Coordinate (UTC).

Must Use	**BSN04**	**337**	**Time**		**M**	**TM**	**4/8**

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

1. Express the originating activity's time in Universal Time Coordinate (UTC).

2. Express time in a four-position (Hour Hour Minute Minute) format.

N/U	**BSN05**	**1005**	**Hierarchical Structure Code**		**O**	**ID**	**4/4**

Code indicating the hierarchical application structure of a transaction set that utilizes the HL segment to define the structure of the transaction set

	BSN06	**640**	**Transaction Type Code**		**X**	**ID**	**2/2**

Code specifying the type of transaction

Use to indicate the type of transaction.

AS   Shipment Advice

Use to indicate the transaction is a Material Inspection and Receiving Report [Ship Notice] from a contractor.

U2   Shipment Performance Notice

Use only on Department of Defense internal systems [i.e., Defense Contract Management Command] when the transaction set contains one or more notices regardless of the type of Shipment Performance Notice.

U4   Acceptance Alert

Use only on Department of Defense internal systems when the transaction set contains one or more destination acceptance alerts.

N/U	**BSN07**	**641**	**Status Reason Code**		**O**	**ID**	**3/3**

Code indicating the status reason

Segment:	**DTM** Date/Time Reference	
Position:	040	
Loop:		
Level:	Heading	
Usage:	Optional	
Max Use:	10	
Purpose:	To specify pertinent dates and times	
Syntax Notes:	**1** At least one of DTM02 DTM03 or DTM06 is required.	
	2 If either DTM06 or DTM07 is present, then the other is required.	
Semantic Notes:		
Comments:		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
Must Use	DTM01	374	**Date/Time Qualifier**	M	ID	3/3

Code specifying type of date or time, or both date and time

> 282   Previous Report
>
> *Use to indicate the date of a previously transmitted Shipment Notice that is being cancelled or corrected.*

	Ref. Des.	Data Element	Name	Attributes		
	DTM02	373	**Date**	X	DT	6/6

Date (YYMMDD)

1. Use to indicate the transaction set creation date of the original Shipment Notice(e.g., the date carried in BSN03 of the original transmission.

2. Express the date in Universal Time Coordinate.

	Ref. Des.	Data Element	Name	Attributes		
	DTM03	337	**Time**	X	TM	4/8

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

1. use to indicate the transaction set creation time of the original Shipment Notice (e.g., the time carried in BSN04 of the original transmission).

2. Express the time in a four-position Hour Hour Minute Minute format.

	Ref. Des.	Data Element	Name	Attributes		
N/U	DTM04	623	**Time Code**	O	ID	2/2

Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow

	Ref. Des.	Data Element	Name	Attributes		
	DTM05	624	**Century**	O	N0	2/2

The first two characters in the designation of the year (CCYY)

N/U   **DTM06**   **1250**   **Date Time Period Format Qualifier**   **X   ID   2/3**

Code indicating the date format, time format, or date and time format

N/U   **DTM07**   **1251**   **Date Time Period**   **X   AN   1/35**

Expression of a date, a time, or range of dates, times or dates and times

Segment:	**HL** **Hierarchical Level**
Position:	010
Loop:	HL
Level:	Detail
Usage:	Mandatory
Max Use:	1
Purpose:	To identify dependencies among and the content of hierarchically related groups of data segments
Syntax Notes:	
Semantic Notes:	

Comments:

1 The HL segment defines a top-down/left-right ordered structure.

2 HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction.

3 HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.

4 HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.

5 HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.

Notes:

1. Iterations of the 2/HL/010 loop provide data structured in a hierarchical logic consisting of address, shipment, line item and container information.

2. Must use the first iteration of the 2/HL/010 loop as the address loop. Use the second iteration as shipment loop to provide shipment information common to all line items. Use the third iteration and, if applicable, additional iterations as the line item loop. Use iterations of the loop to specify container information and information related to consolidated shipments. Repeat the line item and container loops as necessary to identify all line items and containers relevant to the shipment being reported.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
Must Use	**HL01**	**628**	**Hierarchical ID Number**	M	AN	1/12
			A unique number assigned by the sender to identify a particular data segment in a hierarchical structure			
			In the first 2/HL/010 loop iteration, cite the number 1. In each subsequent loop iteration, increase incrementally by 1.			
	HL02	**734**	**Hierarchical Parent ID Number**	O	AN	1/12
			Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to			

1. Do not use in the 2/HL/010 address loop. Use in the 2/HL/010 shipment loop to identify the address loop associated with each shipment. Also use in each 2/HL/010 line item loop iteration to identify the shipment loop associated with each line item.

2. Cite the sequential serial number assigned in HL01 of the 2/HL/010 address loop to identify the shipment associated with the address. Cite the sequential serial number assigned in HL01 of the 2/HL/010 shipment loop to identify the line item associated with the shipment loop. Cite the sequential serial number assigned in HL01 of the 2/HL/010 shipment or line item loop, as appropriate, to associate a returnable container with its relevant shipment or line item. Citing the applicable information in this fashion provides a cross-reference for all address, shipment, line item and container information contained in the shipment notice. Repeat the shipment, line item and container loops as necessary, to identify all shipments, line items and containers relevant to the shipment(s) being reported.

Must Use	**HL03**	**735**	**Hierarchical Level Code**	**M**	**ID**	**1/2**

Code defining the characteristic of a level in a hierarchical structure

4	Group

Use to indicate a consolidated shipment.

I	Item

Use to identify the individual line item loops.

S	Shipment

Use to identify the individual shipment loops.

V	Address Information

Use to identify the transaction set address loop.

ZZ	Mutually Defined

Use to indicate the container level in a 2/HL/010 loop iteration. Container loops, regardless of whether the containers are returnable or not, should follow either the shipment or line item iteration of the HL segment.

	HL04	**736**	**Hierarchical Child Code**	**O**	**ID**	**1/1**

Code indicating whether if there are hierarchical child data segments subordinate to the level being described.

0	No Subordinate HL Segment in This Hierarchical Structure.
1	Additional Subordinate HL Data Segment in This Hierarchical Structure.

Segment:	**LIN** Item Identification
Position:	020
Loop:	HL
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify basic item identification data

Syntax Notes:	1	If either LIN04 or LIN05 is present, then the other is required.
	2	If either LIN06 or LIN07 is present, then the other is required.
	3	If either LIN08 or LIN09 is present, then the other is required.
	4	If either LIN10 or LIN11 is present, then the other is required.
	5	If either LIN12 or LIN13 is present, then the other is required.
	6	If either LIN14 or LIN15 is present, then the other is required.
	7	If either LIN16 or LIN17 is present, then the other is required.
	8	If either LIN18 or LIN19 is present, then the other is required.
	9	If either LIN20 or LIN21 is present, then the other is required.
	10	If either LIN22 or LIN23 is present, then the other is required.
	11	If either LIN24 or LIN25 is present, then the other is required.
	12	If either LIN26 or LIN27 is present, then the other is required.
	13	If either LIN28 or LIN29 is present, then the other is required.
	14	If either LIN30 or LIN31 is present, then the other is required.

Semantic Notes:	1	LIN01 is the line item identification
Comments:	1	See the Data Dictionary for a complete list of ID's.
	2	LIN02 through LIN31 provide for fifteen (15) different product/service ID's for each item. For Example: Case, Color, Drawing No., UPC No., ISBN No., Model No., SKU.

Notes: *1. Use the 2/LIN/020 segment in 2/HL/010 line item loops to cite a line item and to identify the National Stock Number, or other description of the item cited.*

2. If the line item cannot be described using one of the listed codes, there must be at least one use of LIN02/03 citing any applicable code, to satisfy syntax requirements of X12.

3. Must use at least one iteration of this segment to identify the line item.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
LIN01	350	Assigned Identification	O	AN	1/11

Alphanumeric characters assigned for differentiation within a transaction set

1. Use to identify in accordance with the format prescribed in the Defense Federal Acquisition Regulation Supplement Uniform Line Item Numbering Policy, the Line Item, if applicable, e.g., Contract Line Item Number, Sub Line Item Number, Exhibit Line Item Number, etc., in accordance with the Uniform Contract Line Item Numbering System.

2. This data element is required when preparing a Shipment Performance Notice or destination acceptance alert for Defense Contract Management Command use.

Must Use   LIN02   235   Product/Service ID Qualifier   M   ID   2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

1. For Navy and Defense Logistics Agency contracts, LIN02 must be used at least once and cited either of codes FS, MG, or SW to identify material. Use code SV to identify a service performance notice.

2. Use code PD when the line item cannot be identified by using one of the other listed codes. When used, describe the item in the associated Product/Service ID, DE 234.

3. For other than Navy and Defense Logistics Agency contracts use any applicable code(s).

4. For bulk fuels, only use code FS.

A8   Exhibit Line Item Number

AK   Refined Product Code

B8   Batch Number

 Use to indicate a batch number.

CG   Commodity Grouping

 Use to indicate a commodity code.

CH   Country of Origin Code

CL   Color

CN   Commodity Name

EF   Exhibit Identifier

 Use to indicate the letter assigned to an exhibit.

F7   End-Item Description

 Use to indicate the end item to which the ordered item applies.

F8   Next Higher Used Assembly

 Use to indicate the next higher assembly to which the ordered item applies.

FS   National Stock Number

 Must use for Navy and Defense Logistics Agency contracts, when the National Stock Number is known. Transmit the number without the dashes (-). Submit only the basic 13 position National Stock Number.

FT   Federal Supply Classification

 Use when required to identify the Federal Supply Classification of a National Stock Number.

IN   Buyer's Item Number

Use to indicate a locally assigned code for a product or service whenever stock number does not apply.

KA   Engineering Data List

Use to indicate the Engineering Data List that contains technical information relating to the Contract Line or Subline Item Number.

KB   Data Category Code

When LIN01 is a Contract Line or Subline Item Number related to an exhibit, use to indicate the data category of a Contract Data Requirements List.

KD   Replacement National Stock Number

KF   Item Type Number

KG   Time Compliant Technical Order

KI   Cognizance Symbol

KJ   Material Control Code

Use to indicate the Government assigned management/material control code if provided.

KK   Special Material Identification Code

KL   Item Management Code

KM   Shelf-Life Code

KN   Shelf-Life Action Code

LT   Lot Number

Use to indicate a manufacturing lot number.

MF   Manufacturer

Use to indicate the manufacturer when required as part of the description.

MG   Manufacturer's Part Number

Use as needed to identify the manufacturer's part number. When applicable use an additional occurrence of a 235/234 pair citing code ZB to identify the manufacturer's Contractor and Government Entity code.

MN   Model Number

Use to indicate the model number of an item.

N1   National Drug Code in 4-4-2 Format

N2   National Drug Code in 5-3-2 Format

N3   National Drug Code in 5-4-1 Format

N4   National Drug Code in 5-4-2 Format

ND   National Drug Code (NDC)

PD   Part Number Description

Use the associated 234 data element in the 235/234 pair to describe the noun of the item nomenclature. Use 2/PID/070 when additional description is required.

	PU	Part Reference Number

Use to indicate a part number assigned by an industry (not related to a specific manufacturer). Do not use for National Drug Codes.

	RC	Returnable Container No.

Use to indicate a National Stock Number, manufacturer's part number, or other identifying number (except a serial number) of a returnable container. The serial number of a returnable container will be carried in the REF segment with code RS.

	SN	Serial Number

Use to identify the item serial number.

	ST	Style Number

Use to indicate a manufacturer's model.

	SV	Service Rendered

Use to describe a service line item performed for any Service or Agency. When used, provide a text description in no more than 20 characters in the paired data element 234.

	SW	Stock Number

Use to identify a local stock number for Navy and Defense Logistics Agency contracts.

	SZ	Vendor Alphanumeric Size Code (NRMA)

Use to indicate a part number assigned by a contractor other than a manufacturer.

	TP	Product Type Code

Use to indicate a product type or size.

	UE	U.P.C./EAN Module Code (2-5-5)
	UK	U.P.C./EAN Shipping Container Code (1-2-5-5-1)
	VI	Vary Item Product Number

Use to indicate a non-catalog number.

	VP	Vendor's (Seller's) Part Number

Use to indicate a part number assigned by a contractor other than a manufacturer.

	ZB	Commercial and Government Entity (CAGE) Code

Use to identify a manufacturer's Contractor and Government Entity code only when another 235/234 pair cites code MG.

Must Use	LIN03	234	**Product/Service ID**	M	AN	1/40

Identifying number for a product or service

Use code "Z" to indicate "See Contract" when the item cannot be described by one of the other codes, or by using the 2/PID/070 segment.

	LIN04	235	**Product/Service ID Qualifier**	X	ID	2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003050 Data Element Dictionary for acceptable code values.

| **LIN05** | **234** | **Product/Service ID** | **X** | **AN** | **1/40** |

Identifying number for a product or service

| **LIN06** | **235** | **Product/Service ID Qualifier** | **X** | **ID** | **2/2** |

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003050 Data Element Dictionary for acceptable code values.

| **LIN07** | **234** | **Product/Service ID** | **X** | **AN** | **1/40** |

Identifying number for a product or service

| **LIN08** | **235** | **Product/Service ID Qualifier** | **X** | **ID** | **2/2** |

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003050 Data Element Dictionary for acceptable code values.

| **LIN09** | **234** | **Product/Service ID** | **X** | **AN** | **1/40** |

Identifying number for a product or service

| **LIN10** | **235** | **Product/Service ID Qualifier** | **X** | **ID** | **2/2** |

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003050 Data Element Dictionary for acceptable code values.

| **LIN11** | **234** | **Product/Service ID** | **X** | **AN** | **1/40** |

Identifying number for a product or service

| **LIN12** | **235** | **Product/Service ID Qualifier** | **X** | **ID** | **2/2** |

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003050 Data Element Dictionary for acceptable code values.

| **LIN13** | **234** | **Product/Service ID** | **X** | **AN** | **1/40** |

Identifying number for a product or service

| **LIN14** | **235** | **Product/Service ID Qualifier** | **X** | **ID** | **2/2** |

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003050 Data Element Dictionary for acceptable code values.

| **LIN15** | **234** | **Product/Service ID** | **X** | **AN** | **1/40** |

Identifying number for a product or service

| **LIN16** | **235** | **Product/Service ID Qualifier** | **X** | **ID** | **2/2** |

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003050 Data Element Dictionary for acceptable code values.

| **LIN17** | **234** | **Product/Service ID** | **X** | **AN** | **1/40** |

Identifying number for a product or service

LIN18	**235**	**Product/Service ID Qualifier**	**X**	**ID**	**2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003050 Data Element Dictionary for acceptable code values.

LIN19	**234**	**Product/Service ID**	**X**	**AN**	**1/40**

Identifying number for a product or service

LIN20	**235**	**Product/Service ID Qualifier**	**X**	**ID**	**2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003050 Data Element Dictionary for acceptable code values.

LIN21	**234**	**Product/Service ID**	**X**	**AN**	**1/40**

Identifying number for a product or service

LIN22	**235**	**Product/Service ID Qualifier**	**X**	**ID**	**2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003050 Data Element Dictionary for acceptable code values.

LIN23	**234**	**Product/Service ID**	**X**	**AN**	**1/40**

Identifying number for a product or service

LIN24	**235**	**Product/Service ID Qualifier**	**X**	**ID**	**2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003050 Data Element Dictionary for acceptable code values.

LIN25	**234**	**Product/Service ID**	**X**	**AN**	**1/40**

Identifying number for a product or service

LIN26	**235**	**Product/Service ID Qualifier**	**X**	**ID**	**2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003050 Data Element Dictionary for acceptable code values.

LIN27	**234**	**Product/Service ID**	**X**	**AN**	**1/40**

Identifying number for a product or service

LIN28	**235**	**Product/Service ID Qualifier**	**X**	**ID**	**2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003050 Data Element Dictionary for acceptable code values.

LIN29	**234**	**Product/Service ID**	**X**	**AN**	**1/40**

Identifying number for a product or service

LIN30	**235**	**Product/Service ID Qualifier**	**X**	**ID**	**2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003050 Data Element Dictionary for acceptable code values.

LIN31	**234**	**Product/Service ID**	**X**	**AN**	**1/40**

Identifying number for a product or service

Segment:	**SN1** Item Detail (Shipment)		
Position:	030		
Loop:	HL		
Level:	Detail		
Usage:	Optional		
Max Use:	1		
Purpose:	To specify line-item detail relative to shipment		
Syntax Notes:	1	If either SN105 or SN106 is present, then the other is required.	
Semantic Notes:	1	SN101 is the ship notice line-item identification.	
Comments:	1	SN103 defines the unit of measurement for both SN102 and SN104.	
Notes:	*1. Use as needed in the 2/HL/010 line item loops to identify shipment quantities in the various levels. Use as necessary in the 2/HL/010 container loops to indicate the number of returnable shipping containers. Use 2/REF/150, code RS to indicate the serial numbers of returnable containers or shipping containers.*		
	2. Use only as needed when reporting services.		
	3. When used to indicate items shipped to multiple consignees, there must be an iteration of the 2/SLN/040 segment to indicate the total quantity shipped.		

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
SN101	**350**	**Assigned Identification**	**O AN 1/11**
		Alphanumeric characters assigned for differentiation within a transaction set	
		Use only to indicate that the quantity of units shipped, as cited in SN102 is an estimated quantity. When used, cite the letter E. Do not use when the quantity shipped is actual.	
Must Use SN102	**382**	**Number of Units Shipped**	**M R 1/10**
		Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set	
		1. Use to identify the quantity shipped. Use as necessary in the 2/HL/010 shipment loop to indicate the shipment quantity.	
		2. Use as necessary in the 2/HL/010 container loop to indicate the quantity of returnable containers or the total quantity of containers shipped. Use 2/REF/150 code RS to indicate serial numbers of returnable containers.	
		3. Use the number "0" (zero) to indicate no quantity was either shipped or reported, such as in an interim Shipment Performance Notice.	
Must Use SN103	**355**	**Unit or Basis for Measurement Code**	**M ID 2/2**
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
		1. Use any code to identify as necessary, the purchase unit for the	

quantity shipped or service performed. A unit of issue conversion table will be required. Use code UL when no purchase unit applies.

2. Use as necessary to indicate the applicable unit when in the shipment or container level loops.

N/U	**SN104**	**646**	**Quantity Shipped to Date**	**O**	**R**	**1/9**

Number of units shipped to date

	SN105	**330**	**Quantity Ordered**	**X**	**R**	**1/9**

Quantity ordered

Use to indicate another quantity against an alternate unit of issue. When used, include that other unit of issue in the SN106 data element.

	SN106	**355**	**Unit or Basis for Measurement Code**	**X**	**ID**	**2/2**

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Use to indicate the alternate unit of measure.

N/U	**SN107**	**728**	**Returnable Container Load Make-Up Code**	**O**	**ID**	**1/2**

Code identifying the load make-up of the returnable containers in the shipment

N/U	**SN108**	**668**	**Line Item Status Code**	**O**	**ID**	**2/2**

Code specifying the action taken by the seller on a line item requested by the buyer

Segment:	**SLN** Subline Item Detail
Position:	040
Loop:	HL
Level:	Detail
Usage:	Optional
Max Use:	1000
Purpose:	To specify product subline detail item data

Syntax Notes:
1. If SLN07 is present, then SLN06 is required.
2. If SLN08 is present, then SLN06 is required.
3. If either SLN09 or SLN10 is present, then the other is required.
4. If either SLN11 or SLN12 is present, then the other is required.
5. If either SLN13 or SLN14 is present, then the other is required.
6. If either SLN15 or SLN16 is present, then the other is required.
7. If either SLN17 or SLN18 is present, then the other is required.
8. If either SLN19 or SLN20 is present, then the other is required.
9. If either SLN21 or SLN22 is present, then the other is required.
10. If either SLN23 or SLN24 is present, then the other is required.
11. If either SLN25 or SLN26 is present, then the other is required.
12. If either SLN27 or SLN28 is present, then the other is required.

Semantic Notes:
1. SLN01 is the identifying number for the subline item.
2. SLN02 is the identifying number for the subline level. The subline level is analogous to the level code used in a bill of materials.
3. SLN03 is the configuration code indicating the relationship of the subline item to the baseline item.
4. SLN08 is a code indicating the relationship of the price or amount to the associated segment.

Comments:
1. See the Data Dictionary for a complete list of ID's.
2. SLN01 is related to (but not necessarily equivalent to) the baseline item number. Example: 1.1 or 1A might be used as a subline number to relate to baseline number 1.
3. SLN09 through SLN28 provide for ten (10) different product/service ID's for each item. For example: Case, Color, Drawing No., UPC No., ISBN No., Model No., SKU.

Notes:
1. When the line item is shipped with missing components, indicate and list separately, the associated Contract Line Item Number, a code indicating that the shipment is short, the quantity of items not shipped, and their unit of issue and unit price as applicable. Use 2/N1/220 to cite as applicable the authority for shipment.

2. Use to indicate the total quantity shipped to multiple consignees.

3. Use to indicate the unit price of items including Government Furnished Property.

4. Do not use in internal Department of Defense when generating a Shipment Performance Notice or for bulk fuel shipment performance notices.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes

| Must Use | **SLN01** | 350 | **Assigned Identification** | M | AN | 1/11 |

Alphanumeric characters assigned for differentiation within a transaction set

Use as a counter. Start with the number 1 and increase the number by 1 for each iteration of the segment.

| | **SLN02** | 350 | **Assigned Identification** | O | AN | 1/11 |

Alphanumeric characters assigned for differentiation within a transaction set

Use to indicate, as applicable, the associated line item.

| Must Use | **SLN03** | 662 | **Relationship Code** | M | ID | 1/1 |

Code indicating the relationship between entities

D   Delete

Use to indicate that the cited shipment or line item is short components. Indicate the quantity of missing components in SLN04 and enter the total dollar value of the missing components in SLN06.

O   Information Only

Use to indicate in SLN04 the total quantity shipped for multiple consignees and indicate the unit price in SLN06.

| Must Use | **SLN04** | 380 | **Quantity** | M | R | 1/15 |

Numeric value of quantity

| Must Use | **SLN05** | 355 | **Unit or Basis for Measurement Code** | M | ID | 2/2 |

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Refer to 003050 Data Element Dictionary for acceptable code values.

| | **SLN06** | 212 | **Unit Price** | X | R | 1/17 |

Price per unit of product, service, commodity, etc.

In Defense Contract Management Command administered contracts, when SLN03 = code "O", this is the unit price; when SLN03 = code "D", this is the total amount associated with the value of missing components.

| | **SLN07** | 639 | **Basis of Unit Price Code** | O | ID | 2/2 |

Code identifying the type of unit price for an item

ES   Estimated

Use to indicate the price in SLN06 is an estimate.

KA   Price with Government Furnished Property

Use to indicate that the price in SLN06 is for Government Furnished Material/Property or Equipment associated with the manufactured item.

| | **SLN08** | 662 | **Relationship Code** | O | ID | 1/1 |

Code indicating the relationship between entities

Refer to 003050 Data Element Dictionary for acceptable code values.

| | **SLN09** | 235 | **Product/Service ID Qualifier** | X | ID | 2/2 |

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

1. Use code PD when the line item cannot be identified by using one of the other listed codes. When used to describe the item in the associated Product/Service ID, DE 234.

2. For bulk fuels, only use code FS.

A8	Exhibit Line Item Number	
AK	Refined Product Code	
B8	Batch Number	

Use to indicate a batch number.

CG   Commodity Grouping

Use to indicate a commodity code.

CH   Country of Origin Code

CL   Color

CN   Commodity Name

EF   Exhibit Identifier

Use to indicate the letter assigned to an exhibit.

F7   End-Item Description

Use to indicate the end item to which the ordered item applies.

F8   Next Higher Used Assembly

Use to indicate the next higher assembly to which the ordered item applies.

FS   National Stock Number

Must use for Navy and Defense Logistics Agency contracts, when the National Stock Number is known. Transmit the number without the dashes (-). Submit only the basic 13 position National Stock Number.

FT   Federal Supply Classification

Use when required to indicate the Federal Supply Classification of a National Stock Number.

IN   Buyer's Item Number

Use to indicate a locally assigned code for a product or service whenever stock number does not apply.

KA   Engineering Data List

Use to indicate the Engineering Data List that contains technical information related to the Contract Line or Sub Line Item Number.

KB   Data Category Code

When N101 is a Contract Line or Sub Line Item Number related to an exhibit, use to indicate the data category of a Contract Data Requirement List.

KD	Replacement National Stock Number	
KF	Item Type Number	
KG	Time Compliant Technical Order	
KI	Cognizance Symbol	
KJ	Material Control Code	

Use to indicate the Government assigned management/material control code if provided.

KK	Special Material Identification Code	
KL	Item Management Code	
KM	Shelf-Life Code	
KN	Shelf-Life Action Code	
LT	Lot Number	

Use to indicate a manufacturing lot number.

MF   Manufacturer

Use to indicate the manufacturer when required as part of the description.

MG   Manufacturer's Part Number

Use as needed to identify the manufacturer's part number. When using, there must be an additional occurrence of a 235/234 pair citing code ZB to identify the manufacturer's Contractor and Government Entity code.

MN   Model Number

Use to indicate the model number of an item.

N1	National Drug Code in 4-4-2 Format	
N2	National Drug Code in 5-3-2 Format	
N3	National Drug Code in 5-4-1 Format	
N4	National Drug Code in 5-4-2 Format	
ND	National Drug Code (NDC)	
PD	Part Number Description	

Use the associate 234 data element in the 235/234 pair to describe the noun of the item nomenclature. Use 2/PID/070 when additional description is required.

PU   Part Reference Number

Use to indicate a part number assigned by an industry (not related to a specific manufacturer). Do not use for National Drug Codes.

RC   Returnable Container No.

Use to indicate an National Stock Number, manufacturer's part number, or other identifying number (except a serial number) of a returnable container. The serial number of a returnable container will be carried in the REF segment with

code RS.

SN	Serial Number	

Use to identify the item serial number.

ST	Style Number	

Use to indicate a manufacturers model.

SV	Service Rendered	

Use to indicate (in text) the service being ordered.

SW	Stock Number	

Use to identify a local stock number for Navy and Defense Logistics Agency contracts.

SZ	Vendor Alphanumeric Size Code (NRMA)	

Use to indicate the size of an item being ordered.

TP	Product Type Code	

Use to indicate a product type or size.

UK	U.P.C./EAN Shipping Container Code (1-2-5-5-1)	
VI	Vary Item Product Number	

Use to indicate a non-catalog number.

VP	Vendor's (Seller's) Part Number	

Use to indicate a part number assigned by a contractor other than a manufacturer.

ZB	Commercial and Government Entity (CAGE) Code	

Use to identify a manufacturer's Contractor and Government Agency code only when a 235/234 pair cites coded MG.

SLN10	234	**Product/Service ID**	X	AN	1/40

Identifying number for a product or service

SLN11	235	**Product/Service ID Qualifier**	X	ID	2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

SLN12	234	**Product/Service ID**	X	AN	1/40

Identifying number for a product or service

SLN13	235	**Product/Service ID Qualifier**	X	ID	2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

SLN14	234	**Product/Service ID**	X	AN	1/40

Identifying number for a product or service

SLN15	235	**Product/Service ID Qualifier**	X	ID	2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

SLN16	234	**Product/Service ID**	X	AN	1/40

Identifying number for a product or service

SLN17	235	**Product/Service ID Qualifier**	X	ID	2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

| **SLN18** | **234** | **Product/Service ID** | **X** | **AN** | **1/40** |

Identifying number for a product or service

| **SLN19** | **235** | **Product/Service ID Qualifier** | **X** | **ID** | **2/2** |

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

| **SLN20** | **234** | **Product/Service ID** | **X** | **AN** | **1/40** |

Identifying number for a product or service

| **SLN21** | **235** | **Product/Service ID Qualifier** | **X** | **ID** | **2/2** |

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

| **SLN22** | **234** | **Product/Service ID** | **X** | **AN** | **1/40** |

Identifying number for a product or service

| **SLN23** | **235** | **Product/Service ID Qualifier** | **X** | **ID** | **2/2** |

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

| **SLN24** | **234** | **Product/Service ID** | **X** | **AN** | **1/40** |

Identifying number for a product or service

| **SLN25** | **235** | **Product/Service ID Qualifier** | **X** | **ID** | **2/2** |

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

| **SLN26** | **234** | **Product/Service ID** | **X** | **AN** | **1/40** |

Identifying number for a product or service

| **SLN27** | **235** | **Product/Service ID Qualifier** | **X** | **ID** | **2/2** |

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

| **SLN28** | **234** | **Product/Service ID** | **X** | **AN** | **1/40** |

Identifying number for a product or service

Segment:	**PRF** Purchase Order Reference
Position:	050
Loop:	HL
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To provide reference to a specific purchase order
Syntax Notes:	
Semantic Notes:	1 PRF04 is the date assigned by the purchaser to purchase order.
Comments:	
Notes:	*1. Use in 2/HL/010 shipment loops to identify contract information.*
	2. Use to identify the Procurement Instrument Identification Number and, if applicable, the Supplemental Procurement Instrument Identification Number.
	3. Use to identify a contract or order modifications, as applicable, except for Defense Contract Management Command use in generating a Shipment Performance Notice.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**PRF01**	**324**	**Purchase Order Number**	**M AN 1/22**

Identifying number for Purchase Order assigned by the orderer/purchaser

Enter the purchase order number, contract number (including Federal Supply Schedules, General Services Administration Schedules and all other basic contracts), Blanket Purchase Agreement number, Grant, Lease or Agreement number. This is always the Procurement Instrument Identification Number for the Department of Defense or the equivalent expression for Civilian Agencies. This is never the number of a delivery order, call or release against a basic award instrument. That number is carried in PRF02. This number shall be transmitted without dashes.

	PRF02	**328**	**Release Number**	**O AN 1/30**

Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction

Enter the number of a release, call or delivery order against a basic award instrument. This is always the Supplemental Procurement Instrument Identification Number for the Department of Defense or the equivalent expression for Civilian Agencies. This number shall be transmitted without dashes. When preparing a Shipment Performance Notice or destination acceptance alert for Defense Contract Management Command do not include the contract modification number.

	PRF03	**327**	**Change Order Sequence Number**	**O AN 1/8**

Number assigned by the orderer identifying a specific change or revision to a previously transmitted transaction set

1. Use to indicate, as applicable, the modification number of the contract

or purchase order. When a call or delivery order is cited, use to indicate the modification number of the call or order, as applicable. When both the contract and call or order have been modified, cite the modification number of the call or order and do not transmit the modification number of the contract.

2. Except when shipping instructions are furnished by telephone or message and the confirming contract modification (SF 30) has not been received, do not use PRF03 to enter supplementary numbers used in conjunction with basic Procurement Instrument Identification Numbers to identify -- Modifications to contracts and agreements; Modifications to calls/orders; or Document numbers representing contracts written between contractors.

	PRF04	**373**	**Date**	**O**	**DT**	**6/6**

Date (YYMMDD)

N/U	**PRF05**	**350**	**Assigned Identification**	**O**	**AN**	**1/11**

Alphanumeric characters assigned for differentiation within a transaction set

	PRF06	**367**	**Contract Number**	**O**	**AN**	**1/30**

Contract number

Use to identify the Small Business Administration contract number for an 8a set-aside. For Department of Defense delivery orders on non -Department of Defense contracts, use to indicate the non-Department of Defense contract number. For example, when issuing a Delivery Order against a General Services Administration contract.

N/U	**PRF07**	**92**	**Purchase Order Type Code**	**O**	**ID**	**2/2**

Code specifying the type of Purchase Order

Segment:	**PO4** Item Physical Details
Position:	060
Loop:	HL
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify the physical qualities, packaging, weights, and dimensions relating to the item
Syntax Notes:	1 If either PO402 or PO403 is present, then the other is required.
	2 If PO405 is present, then PO406 is required.
	3 If either PO406 or PO407 is present, then the other is required.
	4 If either PO408 or PO409 is present, then the other is required.
	5 If PO410 is present, then PO413 is required.
	6 If PO411 is present, then PO413 is required.
	7 If PO412 is present, then PO413 is required.
	8 If PO413 is present, then at least one of PO410 PO411 or PO412 is required.
Semantic Notes:	
Comments:	1 PO403 - The "Unit of Measure Code" (Element #355) in this segment position is for purposes of defining the pack (PO401) /size (PO402) measure which indicates the quantity in the inner pack unit. Example: If the carton contains 24 12-Ounce packages, it would be described as follows: Element 356 = 24; Element 357 = 12; Element 355 = OZ.
	2 PO413 defines the unit of measure for PO410, PO411, and PO412.
Notes:	*Use, as necessary, to describe the physical details of the item cited in LIN01.*

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
PO401	356	**Pack**	O	N0	1/6
		Number of inner pack units per outer pack unit			
PO402	357	**Size**	X	R	1/8
		Size of supplier units in pack			
PO403	355	**Unit or Basis for Measurement Code**	X	ID	2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken			
		Refer to 003050 Data Element Dictionary for acceptable code values.			
PO404	103	**Packaging Code**	O	AN	3/5
		Code identifying the type of packaging; Part 1: Packaging Form, Part 2: Packaging Material			
		Refer to 003050 Data Element Dictionary for acceptable code values.			
PO405	187	**Weight Qualifier**	O	ID	1/2
		Code defining the type of weight			
		Refer to 003050 Data Element Dictionary for acceptable code values.			
PO406	384	**Gross Weight per Pack**	X	R	1/9

Numeric value of gross weight per pack

PO407	355	**Unit or Basis for Measurement Code**	X	ID	2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Refer to 003050 Data Element Dictionary for acceptable code values.

PO408	385	**Gross Volume per Pack**	X	R	1/9

Numeric value of gross volume per pack

PO409	355	**Unit or Basis for Measurement Code**	X	ID	2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Refer to 003050 Data Element Dictionary for acceptable code values.

PO410	82	**Length**	X	R	1/8

Largest horizontal dimension of an object measured when the object is in the upright position

PO411	189	**Width**	X	R	1/8

Shorter measurement of the two horizontal dimensions measured with the object in the upright position

PO412	65	**Height**	X	R	1/8

Vertical dimension of an object measured when the object is in the upright position

PO413	355	**Unit or Basis for Measurement Code**	X	ID	2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Refer to 003050 Data Element Dictionary for acceptable code values.

PO414	810	**Inner Pack**	O	N0	1/6

Number of units in each selling pack

Segment:	**PID** Product/Item Description	
Position:	070	
Loop:	HL	
Level:	Detail	
Usage:	Optional	
Max Use:	200	
Purpose:	To describe a product or process in coded or free-form format	

Syntax Notes:	1	If PID04 is present, then PID03 is required.
	2	At least one of PID04 or PID05 is required.
	3	If PID07 is present, then PID03 is required.
	4	If PID08 is present, then PID03 is required.
Semantic Notes:	1	Use PID03 to indicate the organization that publishes the code list being referred to.
	2	PID04 should be used for industry-specific product description codes.
	3	PID08 describes the physical characteristics of the product identified in PID04. A ``Y'' indicates that the specified attribute applies to this item. A ``N'' indicates it does not apply. Any other value is indeterminate.
Comments:	1	If PID01 = ``F'', then PID05 is used. If PID01 = ``S'', then PID04 is used. If PID01 = ``X'', then both PID04 and PID05 are used.
	2	Use PID06 when necessary to refer to the product surface or layer being described in the segment.
	3	PID07 specifies the individual code list of the agency specified in PID03.
Notes:		*Use this segment only when additional free form text is needed to describe the item cited in LIN01.*

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
Must Use	PID01	349	**Item Description Type**	M	ID	1/1
			Code indicating the format of a description			
			F Free-form			
N/U	PID02	750	**Product/Process Characteristic Code**	O	ID	2/3
			Code identifying the general class of a product or process characteristic			
N/U	PID03	559	**Agency Qualifier Code**	X	ID	2/2
			Code identifying the agency assigning the code values			
N/U	PID04	751	**Product Description Code**	X	AN	1/12
			A code from an industry code list which provides specific data about a product characteristic			
	PID05	352	**Description**	X	AN	1/80
			A free-form description to clarify the related data elements and their content			
			Use to describe the item cited in LIN01 only when an additional description is required.			
N/U	PID06	752	**Surface/Layer/Position Code**	O	ID	2/2
			Code indicating the product surface, layer or position that is being			

described

| N/U | PID07 | 822 | **Source Subqualifier** | O | AN | 1/15 |

A reference that indicates the table or text maintained by the Source Qualifier

| N/U | PID08 | 1073 | **Yes/No Condition or Response Code** | O | ID | 1/1 |

Code indicating a Yes or No condition or response

Segment:	**MEA** Measurements
Position:	080
Loop:	HL
Level:	Detail
Usage:	Optional
Max Use:	40
Purpose:	To specify physical measurements or counts, including dimensions, tolerances, variances, and weights(See Figures Appendix for example of use of C001)

Syntax Notes:	1	At least one of MEA03 MEA05 MEA06 or MEA08 is required.
	2	If MEA05 is present, then MEA04 is required.
	3	If MEA06 is present, then MEA04 is required.
	4	If MEA07 is present, then at least one of MEA03 MEA05 or MEA06 is required.
	5	Only one of MEA08 or MEA03 may be present.
Semantic Notes:	1	MEA04 defines the unit of measure for MEA03, MEA05, and MEA06.
Comments:	1	When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed, use MEA05 as the negative (-) value and MEA06 as the positive (+) value.

Notes: *1. Use this segment, as required, to provide measurements related to the item cited in LIN01.*

2. Use to indicate, as applicable, measurements for shipment of bulk petroleum.

3. Use to provide limits for material and environmental controls.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
MEA01	737	**Measurement Reference ID Code**	O ID 2/2
		Code identifying the broad category to which a measurement applies	
MEA02	738	**Measurement Qualifier**	O ID 1/3
		Code identifying a specific product or process characteristic to which a measurement applies	

	A3	Ageing Time
		Use to indicate ageing requirements for time sensitive material.
	API	API Gravity
		Use to indicate the value is the American Petroleum Institute gravity (bulk only) for petroleum shipments.
	BK	Bulk
		Use to indicate that the value is gross gallons (bulk only) for petroleum shipments.
	FG	Freezing Point
		Use as applicable to indicate the freezing points for material.
	FMZ	Flammability

			Use as applicable to indicate flammability data for material.			
		MT	Moisture Content			
			Use as applicable to indicate humidity data for material.			
		TC	Temperature			
			Use to indicate that the value is the loading temperature (bulk only) for petroleum shipments.			
		TES	Storage Termperature			
			Use as applicable to indicate storage temperature.			
	MEA03	**739**	**Measurement Value**	**X**	**R**	**1/20**
			The value of the measurement			
	MEA04	**C001**	**Composite Unit of Measure**	**X**		
			To identify a composite unit of measure(See Figures Appendix for examples of use.)			
Must Use	**C00101**	**355**	**Unit or Basis for Measurement Code**	**M**	**ID**	**2/2**
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken			
			The listed codes are preferred for petroleum shipments.			
		FA	Fahrenheit			
			Use to indicate the loading temperature (bulk only) of petroleum			
		GA	Gallon			
			Use to indicate the gross gallons (bulk only) for petroleum shipments.			
N/U	**C00102**	**1018**	**Exponent**	**O**	**R**	**1/15**
			Power to which a unit is raised			
N/U	**C00103**	**649**	**Multiplier**	**O**	**R**	**1/10**
			Value to be used as a multiplier to obtain a new value			
	C00104	**355**	**Unit or Basis for Measurement Code**	**O**	**ID**	**2/2**
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken			
			Refer to 003050 Data Element Dictionary for acceptable code values.			
N/U	**C00105**	**1018**	**Exponent**	**O**	**R**	**1/15**
			Power to which a unit is raised			
N/U	**C00106**	**649**	**Multiplier**	**O**	**R**	**1/10**
			Value to be used as a multiplier to obtain a new value			
N/U	**C00107**	**355**	**Unit or Basis for Measurement Code**	**O**	**ID**	**2/2**
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken			
N/U	**C00108**	**1018**	**Exponent**	**O**	**R**	**1/15**
			Power to which a unit is raised			

N/U	C00109	649	**Multiplier**	O	R	1/10
			Value to be used as a multiplier to obtain a new value			
N/U	C00110	355	**Unit or Basis for Measurement Code**	O	ID	2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken			
N/U	C00111	1018	**Exponent**	O	R	1/15
			Power to which a unit is raised			
N/U	C00112	649	**Multiplier**	O	R	1/10
			Value to be used as a multiplier to obtain a new value			
N/U	C00113	355	**Unit or Basis for Measurement Code**	O	ID	2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken			
N/U	C00114	1018	**Exponent**	O	R	1/15
			Power to which a unit is raised			
N/U	C00115	649	**Multiplier**	O	R	1/10
			Value to be used as a multiplier to obtain a new value			
N/U	MEA05	740	**Range Minimum**	X	R	1/20
			The value specifying the minimum of the measurement range			
N/U	MEA06	741	**Range Maximum**	X	R	1/20
			The value specifying the maximum of the measurement range			
N/U	MEA07	935	**Measurement Significance Code**	O	ID	2/2
			Code used to benchmark, qualify or further define a measurement value			
N/U	MEA08	936	**Measurement Attribute Code**	X	ID	2/2
			Code used to express an attribute response when a numeric measurement value cannot be determined			
N/U	MEA09	752	**Surface/Layer/Position Code**	O	ID	2/2
			Code indicating the product surface, layer or position that is being described			
N/U	MEA10	1373	**Measurement Method or Device**	O	ID	2/4
			The method or device used to record the measurement			

	Segment:	**TD1** Carrier Details (Quantity and Weight)
	Position:	110
	Loop:	HL
	Level:	Detail
	Usage:	Optional
	Max Use:	20
	Purpose:	To specify the transportation details relative to commodity, weight, and quantity
	Syntax Notes:	1 If TD101 is present, then TD102 is required.
		2 If TD103 is present, then TD104 is required.
		3 If TD106 is present, then TD107 is required.
		4 If either TD107 or TD108 is present, then the other is required.
	Semantic Notes:	
	Comments:	
	Notes:	*Use in all contracts administered by Defense Contract Management Command with the exception of Fast Pay Procedures. Use in the 2/HL/010 shipment loop to provide, as applicable, the actual weight in pounds, of the shipment being reported.*

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
N/U	TD101	103	**Packaging Code**	O	AN	3/5
			Code identifying the type of packaging; Part 1: Packaging Form, Part 2: Packaging Material			
N/U	TD102	80	**Lading Quantity**	X	N0	1/7
			Number of units (pieces) of the lading commodity			
N/U	TD103	23	**Commodity Code Qualifier**	O	ID	1/1
			Code identifying the commodity coding system used for Commodity Code			
N/U	TD104	22	**Commodity Code**	X	AN	1/30
			Code describing a commodity or group of commodities			
N/U	TD105	79	**Lading Description**	O	AN	1/50
			Description of an item as required for rating and billing purposes			
	TD106	187	**Weight Qualifier**	O	ID	1/2
			Code defining the type of weight			
			G Gross Weight			
	TD107	81	**Weight**	X	R	1/10
			Numeric value of weight			
			The actual gross weight in pounds of the shipment being reported.			
	TD108	355	**Unit or Basis for Measurement Code**	X	ID	2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken			
			LB Pound			

	Segment:	**TD5** Carrier Details (Routing Sequence/Transit Time)
	Position:	120
	Loop:	HL
	Level:	Detail
	Usage:	Optional
	Max Use:	12
	Purpose:	To specify the carrier and sequence of routing and provide transit time information
	Syntax Notes:	1 At least one of TD502 TD504 TD505 TD506 or TD512 is required.
		2 If TD502 is present, then TD503 is required.
		3 If TD507 is present, then TD508 is required.
		4 If TD510 is present, then TD511 is required.
	Semantic Notes:	
	Comments:	1 When specifying a routing sequence to be used for the shipment movement in lieu of specifying each carrier within the movement, use TD502 to identify the party responsible for defining the routing sequence, and use TD503 to identify the actual routing sequence, specified by the party identified in TD502.
	Notes:	*Use in 2/HL/010 shipment loops to identify the mode of shipment.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
N/U	TD501	133	**Routing Sequence Code**	O	ID	1/2
			Code describing the relationship of a carrier to a specific shipment movement			
N/U	TD502	66	**Identification Code Qualifier**	X	ID	1/2
			Code designating the system/method of code structure used for Identification Code (67)			
N/U	TD503	67	**Identification Code**	X	AN	2/20
			Code identifying a party or other code			
	TD504	91	**Transportation Method/Type Code**	X	ID	1/2
			Code specifying the method or type of transportation for the shipment			
			Use to identify the mode of shipment. When code Z (tanker shipment) is cited, transmit the transaction set to all addresses qualified by code PN in 2/N1/220. When using a code from the X12 code list, reference the applicable mode of shipment conversion table.			
			Refer to 003050 Data Element Dictionary for acceptable code values.			
N/U	TD505	387	**Routing**	X	AN	1/35
			Free-form description of the routing or requested routing for shipment, or the originating carrier's identity			
N/U	TD506	368	**Shipment/Order Status Code**	X	ID	2/2
			Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction			
N/U	TD507	309	**Location Qualifier**	O	ID	1/2

Code identifying type of location

N/U	TD508	310	**Location Identifier**	X	AN	1/30

Code which identifies a specific location

N/U	TD509	731	**Transit Direction Code**	O	ID	2/2

The point of origin and point of direction

N/U	TD510	732	**Transit Time Direction Qualifier**	O	ID	2/2

Code specifying the value of time used to measure the transit time

N/U	TD511	733	**Transit Time**	X	R	1/4

The numeric amount of transit time

N/U	TD512	284	**Service Level Code**	X	ID	2/2

Code defining service

	Segment:	**TD3** Carrier Details (Equipment)
	Position:	130
	Loop:	HL
	Level:	Detail
	Usage:	Optional
	Max Use:	12
	Purpose:	To specify transportation details relating to the equipment used by the carrier
	Syntax Notes:	1 If TD302 is present, then TD303 is required.
		2 If TD304 is present, then TD305 is required.
		3 If either TD305 or TD306 is present, then the other is required.
	Semantic Notes:	
	Comments:	
	Notes:	*Use in the 2/HL/010 loop to indicate the type and the identification number of equipment for consolidated bulk petroleum and coal shipments.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
Must Use	TD301	40	**Equipment Description Code**	M	ID	2/2
			Code identifying type of equipment used for shipment			
			1. Use to describe shipping equipment.			
			2. Use any code.			
N/U	TD302	206	**Equipment Initial**	O	AN	1/4
			Prefix or alphabetic part of an equipment unit's identifying number			
	TD303	207	**Equipment Number**	X	AN	1/10
			Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred)			
			Use on consolidated coal shipments to indicate each rail car number.			
N/U	TD304	187	**Weight Qualifier**	O	ID	1/2
			Code defining the type of weight			
N/U	TD305	81	**Weight**	X	R	1/10
			Numeric value of weight			
N/U	TD306	355	**Unit or Basis for Measurement Code**	X	ID	2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken			
N/U	TD307	102	**Ownership Code**	O	ID	1/1
			Code indicating the relationship of equipment to carrier or ownership of equipment			
N/U	TD308	407	**Seal Status Code**	O	ID	2/2
			Code indicating condition of door seal upon arrival			
	TD309	225	**Seal Number**	O	AN	2/15
			Unique number on seal used to close a shipment			

Use to indicate seal numbers on shipping containers.

Segment:	**TD4** Carrier Details (Special Handling, or Hazardous Materials, or Both)
Position:	140
Loop:	HL
Level:	Detail
Usage:	Optional
Max Use:	5
Purpose:	To specify transportation special handling requirements, or hazardous materials information, or both
Syntax Notes:	1 At least one of TD401 TD402 or TD404 is required.
	2 If TD402 is present, then TD403 is required.
Semantic Notes:	
Comments:	
Notes:	*1. Use to indicate hazardous requirements associated with the shipment, e.g., HL03 = Code S.*
	2. Use to indicate ownership of returnable containers.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
TD401	**152**	**Special Handling Code**	**X ID 2/3**

Code specifying special transportation handling instructions

Use any code.   Use code GOC when a container is Government owned. When not used, default is contractor owned or leased container.

TD402	**208**	**Hazardous Material Code Qualifier**	**X ID 1/1**

Code which qualifies the Hazardous Material Class Code (209)

Use any code.

Refer to 003050 Data Element Dictionary for acceptable code values.

TD403	**209**	**Hazardous Material Class Code**	**X AN 2/4**

Code specifying the kind of hazard for a material

Cite the appropriate Department of Transportation code.

TD404	**352**	**Description**	**X AN 1/80**

A free-form description to clarify the related data elements and their content

Use only when special handling instructions or additional information about the shipment needs to be provided in free form text.

Segment:	**REF** Reference Numbers	
Position:	150	
Loop:	HL	
Level:	Detail	
Usage:	Optional	
Max Use:	>1	
Purpose:	To specify identifying numbers.	
Syntax Notes:	1 At least one of REF02 or REF03 is required.	
Semantic Notes:		
Comments:		
Notes:	*1. Use in the 2/HL/010 shipment loop to identify bill of lading and transportation control numbers.*	

2. Use in the 2/HL/010 line item loops to identify, if applicable, the transaction number (i.e., the requisition number), and also, if applicable, the requisition number suffix, and other suffix, and other controlling numbers.

3. Use in the 2/HL/010 shipment loop to identify the shipment number assigned by the contractor, and if applicable, the suffix associated with the shipment number.

4. Use in the 2/HL/010 container loop to identify information relating to shipping container.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
Must Use REF01	128	**Reference Number Qualifier**	M ID 2/2

Code qualifying the Reference Number.

Use any code. The listed codes are preferred.

16 *Military Interdepartment Purchase Request (MIPR) Number*
2D *Aeronautical Equipment Reference Number (AERNO)*
    Use on Shipment of Government furnished aeronautical equipment under Air Force contracts, enter the assignment Aeronautical Equipment Reference Number.
2E *Foreign Military Sales Case Number*
    Use to indicate a Foreign Military Sale.
2S *Catalog*
    Use to indicate the Catalog of Federal Domestic Assistance. This is where additional information regarding the program funding source can found.
2Y *Wage Determination*
    Use to indicate a Department of Labor Wage Determination Number. Use if the Wage Determination is passed by reference only or to identify the Wage Determination passed by some other means identified in the PWK segment.
39 *Proposal Number*
    Use to indicate the number of a Value Engineering Change

Proposal.

55 *Sequence Number*
For Defense Logistics Management System Shipment
Performance Notices, use, if applicable, in 2/HL/010
shipment loops, to identify the suffix letter associated with
a replacement shipment (e.g., when transmitting the letter A
to indicate the first replacement shipment). Do not use for
Defense Contract Management Command Shipment Notices.
The replacement shipment suffix is carried in 1/BSN/020 -
BSN02 for these transactions.

5N *Citation of Statute*
User to indicate the authorization under which this instrument is
awarded.

5S *Processing Area*
Use to indicate "NON-MILSTRIP Number" or "Receiving Officer
NON-MILSTAMP". When used, cite the text in REF03.

73 *Statement of Work (SOW)*
Use to indicate the Statement of Work number or number within
the Statement of Work where additional information can be
found. If a Statement of Work is part of the award, the PWK
segment can be used to indicate how the Statement of Work
is being provided.

82 *Data Item Description (DID) Reference*

83 *Extended (or Exhibit) Line Item Number (ELIN)*

97 *Package Number*

9G *Department of Defense Form 250 Requirement Code*
Use to indicate the inspection and acceptance requirements for
a data item specified on a Contract Data Requirements List.

AH *Agreement Number*
Use to indicate a Union Agreement number.

AT *Appropriation Number*
Use to cite a Navy Appropriation Number to include the Bureau
Control Number and Authorization Accounting Activity, e.g.,
17X4911-14003-104.

AU *Authorization to Meet Competition No.*
Use to indicate the Federal Acquisition Regulation part 6 authority
for using other than free and open competition.

BL *Government Bill of Lading*
Use to identify all Government Bill of Lading numbers associated
with the shipment cited in BSN02. Do not use for service
line items when there is no shipment of material. Use as
needed for bulk petroleum,
to identify all government bills of lading for a single shipment.

BM *Bill of Lading Number*
Use to identify a commercial bill of lading number. Do not use for
service line items when there is no shipment of material.

C4 *Change Number*
Use to indicate the number of the contract modification that put a
cited value engineering change proposal into the contract.

CR *Customer Reference Number*

Use to indicate the internal number the contractor assigned to the buying party.

DG Drawing Number

DS Defense Priorities Allocation System (DPAS) Priority Rating
When used, the code cited in REF02 is a 4-position code.

E4 Charge Card Number
Use to indicate the Government credit card number under which payment for this instrument will be accomplished.

EH Financial Classification Code
Use to cite the transaction type code when the Navy transaction type code (2T) or (7T) is included in the appropriation data.

EV Receiver Identification Number
Use to indicate the requiring office, i.e., the technical office responsible for ensuring adequacy of the data required on a Contract Data Requirements List. Use an abbreviation of the activity e.g., Navy Ship's Parts Control Center will be NSPCC.

FS Final Sequence Number
Use for final shipment indicator (Z) on Defense Logistics Management System Shipment Performance Notices.
Do not use on underrun quantity deliveries when a final line item shipment is replaced. Do not use for Defense Contract Management Command Shipment Notices.
The final shipment suffix is carried in 1/BSN/020 - BSN02 for these transactions.

IJ Standard Industry Classification (SIC) Code
Use to indicate the Standard Industrial Classification (SIC) Code applicable to the award instrument.

IL Internal Order Number

IQ End Item
Use to indicate the end item to which the items in the shipment notice pertain.

IX Item Number
Use to indicate a Federal Supply Schedule (FSS) special item number.

K0 Approval Code
Use to indicate the approval code on a Contract Data Requirements List.

K4 Criticality Designator
Use to indicate the surveillance criticality designator applicable to the award instrument.

K6 Purchase Description

KL Contract Reference
For a Contract Data Requirements list data item, use to indicate the reference in the contract that generates the requirement for the data item, e.g., Statement of Work paragraph.

KS Solicitation
Use to indicate the solicitation number that resulted in this Award Instrument. If applicable, concatenate the LAST amendment number with the solicitation number.

KV Distribution Statement Code

Use to indicate the code on a Contract Data Requirements List that specifies the distribution statement a contractor is to mark on a data item.

KW Certification

Use to indicate a certification statement, as applicable. When used, cite the text of the certification in REF03.

LT Lot Number

NI Military Standard (MIL-STD) Number

NJ Technical Document Number

NL Technical Order Number

P3 Previous Customer Reference Number

Use to indicate a prior shipment number.

P4 Project Code

Use when the contract or shipping instructions contain a three-character project code. Use to indicate the project number applicable to the award instrument. Use only when there is no occurrence of 2/N1/220 - N101 = Z7.

PH Priority Rating

Use to indicate the MILSTRIP/FEDSTRIP priority rating.

PR Price Quote Number

Use to indicate the contractor's bid, quote, proposal or proposal number.

QC Product Specification Document Number

QI Payment Category

Use when describing "Acceptance and Payment Contingent upon receipt of approval test/eval. Results." When used, cite the text in REF03.

RE Release Number

Use to indicate alternate release procedures are used.

RQ Purchase Requisition No.

Use to indicate the Purchase Request (PR) number or the Purchase Request Order Number (PRON). When citing a Purchase request number, concatenate its line item number with the PR/PRON number if it is necessary to transmit both numbers.

RS Returnable Container Serial Number

Use to indicate the serial number of returnable containers or shipping containers.

S2 Military Specification Number (MILSPEC)

S3 Specification Number

Use to indicate a specification number other than a Military Specification (MILSPEC). When used, cite the specification number in REF02 and identify the issuing activity in REF03.

SI Shipper's Identifying Number for Shipment (SID)

Must use by Defense Contract Management Command to identify the shipment number in supply and service.

T4 Signal Code

TG Transportation Control Number (TCN)

Use to identify the Transportation Control Number. Do not use for service line items when there is no shipment of material.

TN Transaction Reference Number

> *Use to indicate the transaction number (i.e., the requisition number).*
>
> TP *Test Specification Number*
> VQ *Related Contract Line Item Number*
> VW *Standard*
> *Use to indicate a standard other than a Military Standard (MIL-STD). When used, identify the standard in REF03.*
> W2 *Weapon System Number*
> *Use to indicate the Weapon System Code.*
> W8 *Suffix*
> *Use, if applicable, to cite a suffix associated with a cited requisition (document) number.*
> WF *Locally Assigned Control Number*
> WY *Waybill Number*
> *Use to indicate the Waybill number for rail shipments of coal.*
> XC *Cargo Control Number*
> *Use for bulk petroleum shipments to identify the cargo number assigned to a tanker shipment and for coal shipments to identify the load tracking number that can be identified to the shipment number.*
> XE *Transportation Priority Number*
> YB *Revision Number*
> ZE *Coal Authority Number*
> ZZ *Mutually Defined*
> *Use to indicate another type of reference number. When used, identify the nature of the number in REF03. Use for coal shipments to indicate the coal size. Use REF02 to indicate the Size No. and REF03 to indicate the noun of the size; Size No. 1 - Foundry, No. 2 - Egg, No. 3 - Stove, No. 4 - Nut.*

REF02   127   **Reference Number**   X   AN   1/30

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

Use of this data element is required when used by Defense Contract Management Command to generate a Shipment Performance Notice.

REF03   352   **Description**   X   AN   1/80

A free-form description to clarify the related data elements and their content

Use to carry additional information related to a reference number cited in REF02. Use of Free-form text is discouraged if the information can be provided by some other means within the transaction set.

Segment:	**CLD** Load Detail		
Position:	170		
Loop:	CLD		
Level:	Detail		
Usage:	Optional		
Max Use:	1		
Purpose:	To specify the number of material loads shipped		
Syntax Notes:			
Semantic Notes:	1	CLD05, "Unit of Measure Code," is used to dimension the value given in CLD04, "Size."	
Comments:	1	The CLD data segment may be used to provide information to aid in the preparation of move tags and/or bar coded labels.	
Notes:	*Use the 2/CLD/170 loop in 2/HL/010 line item loops to relate the quantity of the item shipped to one or more requisition numbers.*		

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
Must Use	CLD01	622	**Number of Loads**	M	N0	1/5
			Number of customer-defined loads shipped by the supplier			
			Use the actual number or use the number 1 to satisfy X12 syntax.			
Must Use	CLD02	382	**Number of Units Shipped**	M	R	1/10
			Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set			
			Indicate the quantity of the item shipped for the requisition number cited in the REF segment.			
N/U	CLD03	103	**Packaging Code**	O	AN	3/5
			Code identifying the type of packaging; Part 1: Packaging Form, Part 2: Packaging Material			
N/U	CLD04	357	**Size**	O	R	1/8
			Size of supplier units in pack			
	CLD05	355	**Unit or Basis for Measurement Code**	O	ID	2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken			
			Use any code, however, it must be the same code used in the Contract Line Item Number description for the contract contained in the LIN segment.			
			Refer to 003050 Data Element Dictionary for acceptable code values.			

Segment:	**REF** Reference Numbers			

Position: 180

Loop: CLD

Level: Detail

Usage: Optional

Max Use: 200

Purpose: To specify identifying numbers.

Syntax Notes: 1 At least one of REF02 or REF03 is required.

Semantic Notes:

Comments:

Notes: *Use to relate the applicable requisition or Transportation Control Number for a quantity of an item shipped. Use multiple times if more than one requisition or Transportation Control Number applies to a single Contract Line Item Number and when the quantity cited in 2/CLD02/170 cannot be further broken down.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
Must Use	REF01	128	**Reference Number Qualifier**	M	ID	2/2

Code qualifying the Reference Number.

TG   Transportation Control Number (TCN)

Use to accommodate multiple Transportation Control Numbers (TCNs) per line item.

TN   Transaction Reference Number

Use to indicate the transaction number (i.e., the requisition number).

W8   Suffix

Use, if applicable, to cite a suffix associated with a cited requisition (document) number.

	Ref. Des.	Data Element	Name	Attributes		
	REF02	127	**Reference Number**	X	AN	1/30

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

	Ref. Des.	Data Element	Name	Attributes		
N/U	REF03	352	**Description**	X	AN	1/80

A free-form description to clarify the related data elements and their content

Segment:	**MAN** Marks and Numbers	
Position:	190	
Loop:	HL	
Level:	Detail	
Usage:	Optional	
Max Use:	>1	
Purpose:	To indicate identifying marks and numbers for shipping containers	
Syntax Notes:	1	If either MAN04 or MAN05 is present, then the other is required.
	2	If MAN06 is present, then MAN05 is required.
Semantic Notes:	1	MAN01/MAN02 and MAN04/MAN05 may be used to identify two different marks and numbers assigned to the same physical container.
	2	When both MAN02 and MAN03 are used, MAN02 is the starting number of a sequential range and MAN03 is the ending number of that range.
	3	When both MAN05 and MAN06 are used, MAN05 is the starting number of a sequential range, and MAN06 is the ending number of that range.
Comments:	1	When MAN01 contains code UC (U.P.C. Shipping Container Code) and MAN05/MAN06 contain a range of ID numbers, MAN03 is not used. The reason for this is that the U.P.C. Shippping Container code is the same on every carton that is represented in the range in MAN05/MAN06.
	2	MAN03 and/or MAN06 are only used when sending a range(s) of ID numbers. When both MAN02/MAN03 and MAN05/MAN06 are used to send ranges of ID numbers, the integrity of the two ID numbers must be maintained.
Notes:	*Use as applicable to enter special markings.*	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
Must Use	MAN01	88	**Marks and Numbers Qualifier**	M	ID	1/2
			Code specifying the application or source of Marks and Numbers (87)			
			Refer to 003050 Data Element Dictionary for acceptable code values.			
Must Use	MAN02	87	**Marks and Numbers**	M	AN	1/45
			Marks and numbers used to identify a shipment or parts of a shipment			
	MAN03	87	**Marks and Numbers**	O	AN	1/45
			Marks and numbers used to identify a shipment or parts of a shipment			
	MAN04	88	**Marks and Numbers Qualifier**	X	ID	1/2
			Code specifying the application or source of Marks and Numbers (87)			
			Refer to 003050 Data Element Dictionary for acceptable code values.			
	MAN05	87	**Marks and Numbers**	X	AN	1/45
			Marks and numbers used to identify a shipment or parts of a shipment			
	MAN06	87	**Marks and Numbers**	O	AN	1/45
			Marks and numbers used to identify a shipment or parts of a shipment			

Segment:	**DTM** Date/Time Reference			
Position:	200			
Loop:	HL			
Level:	Detail			
Usage:	Optional			
Max Use:	10			
Purpose:	To specify pertinent dates and times			
Syntax Notes:	1	At least one of DTM02 DTM03 or DTM06 is required.		
	2	If either DTM06 or DTM07 is present, then the other is required.		
Semantic Notes:				
Comments:				
Notes:	*Use in the 2/HL/010 shipment loop to identify the actual/estimated date of material shipment or service performance when the same date applies to all line items cited in 2/HL/010 line item loops.*			

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	DTM01	374	**Date/Time Qualifier**	M ID 3/3

Code specifying type of date or time, or both date and time

Use only one code except for bulk petroleum shipments which may cite codes 011 and 375 together, if applicable.

011   Shipped

Use to indicate that a supply has shipped (i.e., the date a shipment was released to a carrier). Also use to indicate the date of a prior shipment when the current shipment consists of items which were short shipped on the prior shipment.

017   Estimated Delivery

112   Buyers Dock

Use to indicate the date and time the vessel moored alongside.

139   Estimated

Use to indicate the estimated date when a supply will be shipped, (i.e., the estimated date a shipment will be released to a carrier).

150   Service Period Start

Use to indicate the date and time commenced loading discharge.

151   Service Period End

Use to indicate the date and time finished loading discharging.

152   Effective Date of Change

Use for date of modification.

168   Release

Use to indicate the date and time the vessel was released by the inspector.

183 Connection

Use to indicate the date and time that the cargo hoses were connected.

196 Start

Use to indicate the date and time the vessel started ballast discharge.

197 End

Use to indicate the date and time the vessel finished ballast discharge.

198 Completion

Use to identify the date the service was performed.

242 Actual Start

Use to indicate the date and time bunkering commenced.

243 Actual Complete

Use to indicate the date and time bunkering finished.

245 Estimated Completion

Use to identify the estimated date that a service will be completed or performed.

282 Previous Report

Use to indicate the date of a previous shipment.

296 Return to Work

Use to indicate the date and time resumed loading discharging.

369 Estimated Departure Date

Use to indicate the estimated date and time the vessel actually left the berth.

370 Actual Departure Date

Use to indicate the date and time the vessel actually left the berth.

372 Actual Arrival Date

Use to indicate the date and time the vessel arrived in the roads.

375 Delivery Start

Use to identify the date bulk petroleum was either loaded on a tanker or barge or the date that pipeline pumping commenced. Use only with Free on Board origin shipments. Use only when there has been one iteration of the DTM segment citing code 011.

376 Delivery End

Use to indicate the date and time stopped loading discharging.

		433	Removed			

Use to indicate the date and time cargo hoses were removed.

		458	Certification			

Use to indicate the date certification was made in conjunction with the cited shipment. For example certification of test results.

		515	Notified			

Use to indicate the date of the notice of readiness to load discharge.

		517	Inspected			

Use to indicate the date and time the vessel was inspected and ready to load discharge.

		802	Date of Action			

Use to cite the date of a Value Engineering Change Proposal modification.

	DTM02	**373**	**Date**	**X**	**DT**	**6/6**

Date (YYMMDD)

N/U	**DTM03**	**337**	**Time**	**X**	**TM**	**4/8**

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

N/U	**DTM04**	**623**	**Time Code**	**O**	**ID**	**2/2**

Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow

	DTM05	**624**	**Century**	**O**	**N0**	**2/2**

The first two characters in the designation of the year (CCYY)

	DTM06	**1250**	**Date Time Period Format Qualifier**	**X**	**ID**	**2/3**

Code indicating the date format, time format, or date and time format

Use to indicate dates in another format.

Refer to 003050 Data Element Dictionary for acceptable code values.

	DTM07	**1251**	**Date Time Period**	**X**	**AN**	**1/35**

Expression of a date, a time, or range of dates, times or dates and times

Segment:	**FOB** F.O.B. Related Instructions	
Position:	210	
Loop:	HL	
Level:	Detail	
Usage:	Optional	
Max Use:	1	
Purpose:	To specify transportation instructions relating to shipment	
Syntax Notes:	1	If FOB03 is present, then FOB02 is required.
	2	If FOB04 is present, then FOB05 is required.
	3	If FOB07 is present, then FOB06 is required.
	4	If FOB08 is present, then FOB09 is required.
Semantic Notes:	1	FOB01 indicates which party will pay the carrier.
	2	FOB02 is the code specifying transportation responsibility location.
	3	FOB06 is the code specifying the title passage location.
	4	FOB08 is the code specifying the point at which the risk of loss transfers. This may be different than the location specified in FOB02/FOB03 and FOB06/FOB07.
Comments:		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
Must Use	FOB01	146	**Shipment Method of Payment**	M	ID	2/2
			Code identifying payment terms for transportation charges			
			Refer to 003050 Data Element Dictionary for acceptable code values.			
	FOB02	309	**Location Qualifier**	X	ID	1/2
			Code identifying type of location			
			DE Destination (Shipping)			
			IT Intermediate FOB Point			
			OR Origin (Shipping Point)			
N/U	FOB03	352	**Description**	O	AN	1/80
			A free-form description to clarify the related data elements and their content			
N/U	FOB04	334	**Transportation Terms Qualifier Code**	O	ID	2/2
			Code identifying the source of the transportation terms			
N/U	FOB05	335	**Transportation Terms Code**	X	ID	3/3
			Code identifying the trade terms which apply to the shipment transportation responsibility			
N/U	FOB06	309	**Location Qualifier**	X	ID	1/2
			Code identifying type of location			
N/U	FOB07	352	**Description**	O	AN	1/80
			A free-form description to clarify the related data elements and their content			

| N/U | **FOB08** | **54** | **Risk of Loss Qualifier** | **O** | **ID** | **2/2** |

Code specifying where responsibility for risk of loss passes

| N/U | **FOB09** | **352** | **Description** | **X** | **AN** | **1/80** |

A free-form description to clarify the related data elements and their content

Segment:	**N1** Name
Position:	220
Loop:	N1
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	1 At least one of N102 or N103 is required.
	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
	2 N105 and N106 further define the type of entity in N101.

Notes: *1. Use the 2/N1/220 loop in 2/HL/010 address loops to identify: a) the party originating the transaction set; b) an Automated Data Processing Point as specified in the contract for a party receiving the transaction set; and c) the Ship-To, ultimate recipient, or service performance locations when the same address applies to all line items in the 2/HL/010 shipment loops.*

2. Use the 2/N1/220 loop in 2/HL/010 line item loops to identify addresses that vary by line item.

3. Use the 2/N1/220 loop in 2/HL/010 address loop to identify the Ship-To, ultimate recipient, or services performance location when the same address applies to all lines cited in the 2/HL/010 line item loops (when used by Defense Contract Management Command in preparing a Shipment Performance Notice).

4. Use other listed codes as appropriate, in loops to which they are applicable.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
Must Use N101	98	**Entity Identifier Code**	M ID 2/2

Code identifying an organizational entity, a physical location, or an individual

28	Subcontractor
31	Postal Mailing Address

Use only when an actual mailing address is required and it is different from the address provided for any other qualifier code. Do not use if another qualifier code can be used to pass this address. When used, cite the name of the party in N102 and the N2 segment, if necessary.

61	Performed At

Use to indicate the place of performance when it is other than the contractor's mailing address.

7D	Contracting Officer Representative	
7G	Hazardous Material Office	
7H	Government Furnished Property FOB Point	
7M	Inspection and Acceptance Location	
7P	Transportation Office	
92	Support Party	

Use to indicate a secondary Contract Administration Office.

AA	Authority For Shipment	

Use to indicate the authority when required for other types of shipments such as, missing National Stock Number, missing components, etc. Use 2/PER/270 if additional details are required for the authority.

AE	Additional Delivery Address	

Use to indicate a shipment in-place location.

AG	Agent/Agency	
B2	Other Unlisted Type of Organizational Entity	
BT	Bill-to-Party	

Use to indicate the party who will provide reimbursement for the payment of a contractor's invoice. This is an internal government billed party and not the party the contractor bills. Use is discouraged. Use only when the contractor or other party receiving the order or a copy of the order, needs to receive this information.

BY	Buying Party (Purchaser)	
C4	Contract Administration Office	

Use to identify the Administered By activity.

CJ	Automated Data Processing (ADP) Point	
CY	Country	
E5	Examiner	

Maintenance has been submitted to ASC X12 to add a code for Investigator. If approved, we expect the code will be available for use in ASC X12 Version/Release 3060.

FR	Message From	

Use to identify the party originating the transaction set.

IC	Intermediate Consignee	

Use to indicate a freight forwarder.

IS	Party to Receive Certified Inspection Report	
KA	Item Manager	

Use to indicate the government inventory manager.

KF	Audit Office	

KG   Project Manager

Use to indicate the party responsible for a project to include the advisor under a Grant.

KX   Free on Board Point

Use to indicate the Free on Board point when it has to be described by a specific address rather than as a code value indicating either origin or destination.

KY   Technical Office

Use to indicate the technical office that has cognizance over the technical portion of the order, if different than the office originating the order. Do not use unless it is intended for the contractor to deal directly with the cited party.

KZ   Acceptance Location

Use to indicate acceptance is at other than origin or destination.

L1   Inspection Location

Use to indicate the inspection location when it has to be described as an address.

OI   Outside Inspection Agency

Use to indicate the inspection agency is other than the Contract Administration Office.

PA   Party to Receive Inspection Report

PC   Party to Receive Cert. of Conformance (C.A.A.)

PL   Party to Receive Purchase Order

Use to indicate entities other than the contractor that are to receive copies of the award instrument.

PN   Party to Receive Shipping Notice

Use for bulk petroleum shipments only when TD504 cites codes Z, to identify other parties to receive a shipment notice.

PO   Party to Receive Invoice for Goods or Services

Use to indicate where the invoice should be mailed.

PR   Payer

Use to identify the Payment Will be Made by Activity.

PW   Pick Up Address

PZ   Party to Receive Equipment

Use to indicate the address to which a cited container is to be returned.

R6   Requester

Use to indicate the requesting agency/activity.

RG   Responsible Installation, Origin

Use to indicate the code of the Acceptance Point

when other than the source.

RI Remit To

Use to indicate the place to send payment if it is different from the contractor's address, e.g., a bank, financial office location., etc.

SE Selling Party

Use to identify the Prime Contractor.

SF Ship From

Use to indicate the Ship From activity (shipping point).

SH Shipper

Use to indicate the Shipper.

SM Party to Receive Shipping Manifest

ST Ship To

Use to indicate the Ship-to location. Do not use for service line items when there is no shipment of material. Use the 2/SDQ/290 segment to identify multiple ship-to consignees for a single bulk petroleum delivery order.

SV Service Performance Site

Use to identify the performance location [if other than the contractor's site (e.g., the Quality Assurance Representative's site). Use as many occurrences as necessary to cite if applicable, multiple performance locations. Do not use when the service performance site is the same location as the prime contractor (i.e., code N101 = SE). In that case, use N106 citing code SV to indicate that the service performance location is the same location as that of the prime contractor.

TO Message To

Use to identify the party to receive the transaction set.

TS Party to Receive Certified Test Results

X2 Party to Perform Packaging

Z4 Owning Inventory Control Point

Z7 Mark-for Party

If address information for this qualifier does not exist, use the 2/REF/150 with a P4 qualifier to carry the three-character project codes as required.

ZD Party to Receive Reports

N102 **93** **Name**   **X** **AN** **1/35**

Free-form name

Use as necessary, to indicate the name of the activity cited in N101. When that party can be identified by a code value in N104, it is not

necessary to provide the name. If additional characters are required to cite the full name, truncate at a logical point and use the N2 segment for the additional name information. When the title of the party performing Quality Assurance at destination is provided, carry that information in an iteration of the N2 segment. When N101 cites code 7H and the Free on Board point is a vessel, use to indicate, as applicable, the name of the port city.

N103   **66**   **Identification Code Qualifier**   **X**   **ID**   **1/2**

Code designating the system/method of code structure used for Identification Code (67)

1	D-U-N-S Number, Dun & Bradstreet

Use to indicate the Dun and Bradstreet Number.

9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix
10	Department of Defense Activity Address Code (DODAAC)

Use to indicate the Department of Defense Activity Address Code of the activity cited in N101. Use when N101 cites one of codes C4, FR PN, PR, PZ, RG, ST, or Z7.

33	Commercial and Government Entity (CAGE)

Use to identify the contractor issuing the shipment notice. Use when N101 is one of codes FR, SE, SF, ST, or SV.

A2	Military Assistance Program Address Code (MAPAC)

Use to identify an Foreign Military Sale/Grant Aid Ship-To or Mark-For address. Use when N101 is code ST.

FI	Federal Taxpayer's Identification Number
M4	Department of Defense Routing Identifier Code (RIC)

Use only with the Military Standard Petroleum System (MILSPETS).

ZN	Zone
ZY	Temporary Identification Number

N104   **67**   **Identification Code**   **X**   **AN**   **2/20**

Code identifying a party or other code

Use to cite the actual Dun and Bradstreet, Dun and Bradstreet + 4, Department of Defense Activity Address Code, Contractor and Government Entity Code or Military Assistance Program Address Code of the activity cited in N101, as signaled in N103.

N/U   **N105**   **706**   **Entity Relationship Code**   **O**   **ID**   **2/2**

Code describing entity relationship

N106   **98**   **Entity Identifier Code**   **O**   **ID**   **2/2**

Code identifying an organizational entity, a physical location, or an

individual

FR   Message From

Use to indicate that the organization cited in N104 transmitted the transaction set.

SV   Service Performance Site

Use when N101 cites code SE to indicate that the service performance location is the same as that cited for the contractor. Do not use when the service performance site is different from that given for the contractor. In that case, there should be a separate occurrence of the N1 segment with N101 citing code SV, to indicate the service performance location.

TO   Message To

Use to indicate that the organization cited in N104 is to receive the transaction set.

Segment:	**N2** Additional Name Information	
Position:	230	
Loop:	N1	
Level:	Detail	
Usage:	Optional	
Max Use:	2	
Purpose:	To specify additional names or those longer than 35 characters in length	
Syntax Notes:		
Semantic Notes:		
Comments:		
Notes:	*Use, as applicable, to indicate additional name information for the party cited in N101, when the size of the name is greater than the space allocated in N102.*	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
Must Use	**N201**	93	**Name**	M	AN	1/35
			Free-form name			
	N202	93	**Name**	O	AN	1/35
			Free-form name			

Segment:	**N3** Address Information		
Position:	240		
Loop:	N1		
Level:	Detail		
Usage:	Optional		
Max Use:	2		
Purpose:	To specify the location of the named party		
Syntax Notes:			
Semantic Notes:			
Comments:			
Notes:	*Use to indicate the number of the building, the name of the street, suite numbers, if applicable, and any other address information. Use N302 if additional space is required.*		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
Must Use	**N301**	**166**	**Address Information**	**M**	**AN**	**1/35**
			Address information			
	N302	**166**	**Address Information**	**O**	**AN**	**1/35**
			Address information			

Segment:	**N4** Geographic Location	
Position:	250	
Loop:	N1	
Level:	Detail	
Usage:	Optional	
Max Use:	1	
Purpose:	To specify the geographic place of the named party	
Syntax Notes:	1	If N406 is present, then N405 is required.
Semantic Notes:		
Comments:	1	A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
	2	N402 is required only if city name (N401) is in the USA or Canada.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes		
	N401	**19**	**City Name**		**O**	**AN**	**2/30**
			Free-form text for city name				
	N402	**156**	**State or Province Code**		**O**	**ID**	**2/2**
			Code (Standard State/Province) as defined by appropriate government agency				
	N403	**116**	**Postal Code**		**O**	**ID**	**3/11**
			Code defining international postal zone code excluding punctuation and blanks (zip code for United States)				
			Do not use a dash in the zip code.				
	N404	**26**	**Country Code**		**O**	**ID**	**2/3**
			Code identifying the country				
			Use only when other than the United States.				
N/U	**N405**	**309**	**Location Qualifier**		**X**	**ID**	**1/2**
			Code identifying type of location				
N/U	**N406**	**310**	**Location Identifier**		**O**	**AN**	**1/30**
			Code which identifies a specific location				

Segment:	**REF** Reference Numbers	
Position:	260	
Loop:	N1	
Level:	Detail	
Usage:	Optional	
Max Use:	12	
Purpose:	To specify identifying numbers.	
Syntax Notes:	1 At least one of REF02 or REF03 is required.	
Semantic Notes:		
Comments:		
Notes:	*1. Use to cite a vendor identification number.*	
	2. Use to indicate a project code as part of a Mark-For address.	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
Must Use	REF01	128	**Reference Number Qualifier**	M	ID	2/2

Code qualifying the Reference Number.

16	Military Interdepartmental Purchase Request (MIPR) Number	
AL	Accounting (Equipment) Location Number	
BB	Authorization Number	
	Use as applicable to indicate an authorization number for shipment.	
BL	Government Bill of Lading	
	Use to identify all Government Bill of Lading numbers associated with the shipment cited in BSN02. Do not use for service line items when there is no shipment of material.	
BM	Bill of Lading Number	
	Use to identify a commercial bill of lading number. Do not when there is no shipment of material.	
C7	Contract Line Item Number	
	Use to indicate the contract line item number.	
P4	Project Code	
	Use to indicate the project code only when 2/N1/220, N101 cites Code Z7.	
SI	Shipper's Identifying Number for Shipment (SID)	
	Use to indicate the identity number of the shipper.	
TG	Transportation Control Number (TCN)	
	Use to identify the Transportation Control Number. Do not use for service line items when there is no shipment of material.	

			TN	Transaction Reference Number			
				Use to indicate the transaction number (i.e., the requisition number).			
			VR	Vendor ID Number			
				Use only for Navy paid base level contracts.			
			W8	Suffix			
				Use, if applicable, to cite a suffix associated with a cited requisition (document) number.			
	REF02	**127**	**Reference Number**		**X**	**AN**	**1/30**
			Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.				
N/U	**REF03**	**352**	**Description**		**X**	**AN**	**1/80**
			A free-form description to clarify the related data elements and their content				

Segment:	**PER** Administrative Communications Contact	
Position:	270	
Loop:	N1	
Level:	Detail	
Usage:	Optional	
Max Use:	3	
Purpose:	To identify a person or office to whom administrative communications should be directed	
Syntax Notes:	1	If either PER03 or PER04 is present, then the other is required.
	2	If either PER05 or PER06 is present, then the other is required.
	3	If either PER07 or PER08 is present, then the other is required.
Semantic Notes:		
Comments:		
Notes:	*Use to indicate the name and title of a contractor party making a certification or authorization.*	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
Must Use	PER01	366	**Contact Function Code**	M	ID	2/2

Code identifying the major duty or responsibility of the person or group named

AL	Alternate Contact
AS	Authorized Signature

> *Use to indicate an authorized signature.*

CE	Certifier

> *Use to indicate the "signature" of the party making the certification.*

IC	Information Contact

> *Use to indicate a general point of contact for information applicable to the DD Form 250.*

	Ref. Des.	Data Element	Name	Attributes		
	PER02	93	**Name**	O	AN	1/35

Free-form name

When PER01 cites codes CE or AS, use to indicate the name of the party making the certification or authorization.

	Ref. Des.	Data Element	Name	Attributes		
	PER03	365	**Communication Number Qualifier**	X	ID	2/2

Code identifying the type of communication number

AU	Defense Switched Network
EM	Electronic Mail
FT	Federal Telecommunications System (FTS)
FX	Facsimile
IT	International Telephone
TE	Telephone

PER04	**364**	**Communication Number**	X	AN	1/80

Complete communications number including country or area code when applicable

PER05	**365**	**Communication Number Qualifier**	X	ID	2/2

Code identifying the type of communication number

AU	Defense Switched Network
EM	Electronic Mail
EX	Telephone Extension

When used, there must be a previous communication number citing either a national or international telephone number.

FT	Federal Telecommunications System (FTS)
FX	Facsimile
IT	International Telephone
TE	Telephone

PER06	**364**	**Communication Number**	X	AN	1/80

Complete communications number including country or area code when applicable

PER07	**365**	**Communication Number Qualifier**	X	ID	2/2

Code identifying the type of communication number

AU	Defense Switched Network
EM	Electronic Mail
EX	Telephone Extension

When used, there must be a previous communication number citing either a national or international telephone number.

FT	Federal Telecommunications System (FTS)
FX	Facsimile
IT	International Telephone
TE	Telephone

PER08	**364**	**Communication Number**	X	AN	1/80

Complete communications number including country or area code when applicable

PER09	**443**	**Contact Inquiry Reference**	O	AN	1/20

Additional reference number or description to clarify a contact number

When PER01 cites code CE (Certifier), use to indicate the title of the party making the certification.

Segment:	**SDQ** Destination Quantity
Position:	290
Loop:	HL
Level:	Detail
Usage:	Optional
Max Use:	50
Purpose:	To specify destination and quantity detail

Syntax Notes:	1	If either SDQ05 or SDQ06 is present, then the other is required.
	2	If either SDQ07 or SDQ08 is present, then the other is required.
	3	If either SDQ09 or SDQ10 is present, then the other is required.
	4	If either SDQ11 or SDQ12 is present, then the other is required.
	5	If either SDQ13 or SDQ14 is present, then the other is required.
	6	If either SDQ15 or SDQ16 is present, then the other is required.
	7	If either SDQ17 or SDQ18 is present, then the other is required.
	8	If either SDQ19 or SDQ20 is present, then the other is required.
	9	If either SDQ21 or SDQ22 is present, then the other is required.

Semantic Notes:	1	SDQ23 identifies the area within the location identified in SDQ03, SDQ05, SDQ07, SDQ09, SDQ11, SDQ13, SDQ15, SDQ17, SDQ19, and SDQ21.
Comments:	1	SDQ02 is used only if different than previously defined in the transaction set.
	2	SDQ03 is the store number.
	3	SDQ23 may be used to identify areas within a store, e.g., front room, back room, selling outpost, end aisle display, etc. The value is agreed to by trading partners or industry conventions.

Notes:	*Use, as needed, in 2/HL/010 line item loops to identify multiple original consignees of both supplies and a single bulk petroleum delivery order and the estimated delivery quantities to each original consignee. Quantities cited must total the quantity shipped as identified in 2/SN1/030.*

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
Must Use	SDQ01	355	**Unit or Basis for Measurement Code**	M	ID	2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

1. Use to identify the purchase unit. A conversion table might be required.

2. Use Code UL for bulk fuels only to satisfy the X12 standards when the unit of issue is not provided. The receiving application software does not use this data element.

Refer to 003050 Data Element Dictionary for acceptable code values.

	SDQ02	66	**Identification Code Qualifier**	O	ID	1/2

Code designating the system/method of code structure used for Identification Code (67)

This qualifier applies to all entries using data element 67 (SDQ03, 05, etc.).

		1	D-U-N-S Number, Dun & Bradstreet				
			Use to indicate a Dun and Bradstreet number.				
		9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix				
		10	Department of Defense Activity Address Code (DODAAC)				
		33	Commercial and Government Entity (CAGE)				
			Used to indicate the contractor issuing the ship notice.				
		A2	Military Assistance Program Address Code (MAPAC)				
			Use to identify the Foreign Military Sale/Grant Aid Ship-To or Mark-For address.				
		FI	Federal Taxpayer's Identification Number				
		ZY	Temporary Identification Number				

Must Use	SDQ03	67	**Identification Code**	M	AN	2/20
			Code identifying a party or other code			
Must Use	SDQ04	380	**Quantity**	M	R	1/15
			Numeric value of quantity			
	SDQ05	67	**Identification Code**	X	AN	2/20
			Code identifying a party or other code			
	SDQ06	380	**Quantity**	X	R	1/15
			Numeric value of quantity			
	SDQ07	67	**Identification Code**	X	AN	2/20
			Code identifying a party or other code			
	SDQ08	380	**Quantity**	X	R	1/15
			Numeric value of quantity			
	SDQ09	67	**Identification Code**	X	AN	2/20
			Code identifying a party or other code			
	SDQ10	380	**Quantity**	X	R	1/15
			Numeric value of quantity			
	SDQ11	67	**Identification Code**	X	AN	2/20
			Code identifying a party or other code			
	SDQ12	380	**Quantity**	X	R	1/15
			Numeric value of quantity			
	SDQ13	67	**Identification Code**	X	AN	2/20
			Code identifying a party or other code			
	SDQ14	380	**Quantity**	X	R	1/15
			Numeric value of quantity			
	SDQ15	67	**Identification Code**	X	AN	2/20
			Code identifying a party or other code			
	SDQ16	380	**Quantity**	X	R	1/15

Numeric value of quantity

SDQ17	67	**Identification Code**	X	AN	2/20

Code identifying a party or other code

SDQ18	380	**Quantity**	X	R	1/15

Numeric value of quantity

SDQ19	67	**Identification Code**	X	AN	2/20

Code identifying a party or other code

SDQ20	380	**Quantity**	X	R	1/15

Numeric value of quantity

SDQ21	67	**Identification Code**	X	AN	2/20

Code identifying a party or other code

SDQ22	380	**Quantity**	X	R	1/15

Numeric value of quantity

SDQ23	310	**Location Identifier**	O	AN	1/30

Code which identifies a specific location

Segment:	**SAC** Service, Promotion, Allowance, or Charge Information	
Position:	320	
Loop:	HL	
Level:	Detail	
Usage:	Optional	
Max Use:	10	

Purpose: To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

Syntax Notes:
1. At least one of SAC02 or SAC03 is required.
2. If either SAC03 or SAC04 is present, then the other is required.
3. If either SAC06 or SAC07 is present, then the other is required.
4. If either SAC09 or SAC10 is present, then the other is required.
5. If SAC11 is present, then SAC10 is required.
6. If SAC13 is present, then at least one of SAC02 or SAC04 is required.
7. If SAC14 is present, then SAC13 is required.

Semantic Notes:
1. If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required.
2. SAC05 is the total amount for the service, promotion, allowance, or charge. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
3. SAC08 is the allowance or charge rate per unit.
4. SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity.
   SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.
5. SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.
6. SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.

Comments:
1. SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction to further the code in SAC02.
2. In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to a "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" - Dollars in SAC09.

Notes: *1. When using 2/SAC/320 to indicate prompt payment discount data, use a second iteration of 2/SAC/320 to indicate a second discount period if applicable.*

2. Use to indicate when a shipment is made under Certificate of Conformance terms.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	SAC01	248	**Allowance or Charge Indicator**	M ID 1/1

Code which indicates an allowance or charge for the service specified

A   Allowance

			Use when a discount is offered.			
		C	Charge			
		N	No Allowance or Charge			
			Use with code B020 in SAC02 to indicate a shipment is made under Certificate of Conformance terms.			

	SAC02	1300	**Service, Promotion, Allowance, or Charge Code**	**X**	**ID**	**4/4**

Code identifying the service, promotion, allowance, or charge

	B020	Certificate of Conformance

Use to indicate when contract terms provide for use of Certificate of Conformance, and shipment is made under those terms.

	B050	Certification
	C310	Discount

Use to indicate a discount is provided.

	D120	Foreign Military Sales (FMS) Special Charge
	G510	Returnable Container

N/U	SAC03	559	**Agency Qualifier Code**	**X**	**ID**	**2/2**

Code identifying the agency assigning the code values

N/U	SAC04	1301	**Agency Service, Promotion, Allowance, or Charge Code**	**X**	**AN**	**1/10**

Agency maintained code identifying the service, promotion, allowance, or charge

	SAC05	610	**Amount**	**O**	**N2**	**1/15**

Monetary amount

Use to indicate the amount applicable to the Foreign Military Sale.

	SAC06	378	**Allowance/ Charge Percent Qualifier**	**X**	**ID**	**1/1**

Code indicating on what basis allowance or charge percent is calculated

	4	Discount/Net

Use to indicate the discount basis cited in SAC07 and the net terms days in SAC10/11.

	SAC07	332	**Percent**	**X**	**R**	**1/6**

Percent expressed as a percent

Use to indicated to percent discount offered in the contract for prompt payment. Example 2 = 2%, 5 = 5%, and 10 = 10%.

N/U	SAC08	118	**Rate**	**O**	**R**	**1/9**

Rate expressed in the standard monetary denomination for the currency specified

	SAC09	355	**Unit or Basis for Measurement Code**	**X**	**ID**	**2/2**

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Use to indicate the units for the discount basis.

	DA	Days

Use to indicate the discount is based on a number of days.

	SAC10	**380**	**Quantity**	**X**	**R**	**1/15**

Numeric value of quantity

Use to indicate the number of days applicable to the term discount. Example, 2/10 indicates a 2% discount is given if the invoice is paid within 10 days.

	SAC11	**380**	**Quantity**	**O**	**R**	**1/15**

Numeric value of quantity

Use to indicate net payment period. Example: net 30 indicates the invoice amount is due within 30 days.

N/U	**SAC12**	**331**	**Allowance or Charge Method of Handling Code**	**O**	**ID**	**2/2**

Code indicating method of handling for an allowance or charge

N/U	**SAC13**	**127**	**Reference Number**	**X**	**AN**	**1/30**

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

N/U	**SAC14**	**770**	**Option Number**	**O**	**AN**	**1/20**

A unique number identifying available promotion or allowance options when more than one is offered

	SAC15	**352**	**Description**	**O**	**AN**	**1/80**

A free-form description to clarify the related data elements and their content

Cite the letter E when the amount of the discount cited in SAC05 is an estimate.

	Segment:	**LM** Code Source Information
	Position:	340
	Loop:	LM
	Level:	Detail
	Usage:	Optional
	Max Use:	1
	Purpose:	To transmit standard code list identification information
	Syntax Notes:	
	Semantic Notes:	
	Comments:	**1** LM02 identifies the applicable industry code list source information.
	Notes:	*Use the 2/LM/340 loop in the 2/HL/010 shipment loop to identify, as applicable, the contract shipment advice, transaction status indicator, supply condition code, and management code, as Department of Defense coded data, and the Document Identifier Code (DIC) when the same code applies to all line items cited in 2/HL/010 line item loops. Use the 2/LM/340 loop in 2/HL/010 line item loops when the codes vary by line item.*

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
Must Use	LM01	559	**Agency Qualifier Code**	M	ID	2/2

Code identifying the agency assigning the code values

DF	Department of Defense (DoD)
DO	United States Department of Transportation (DOT)
EP	United States Environmental Protection Agency (EPA)
FG	Federal Government
GS	General Services Administration (GSA)
ZZ	Mutually Defined

Use to indicate an agency that is not otherwise listed.

	Ref. Des.	Data Element	Name		Attributes	
	LM02	822	**Source Subqualifier**	O	AN	1/15

A reference that indicates the table or text maintained by the Source Qualifier

Used by parties other than the Department of Defense to cite a code source listed in Appendix A of the X12 Directories.

Segment:	**LQ** **Industry Code**	
Position:	350	
Loop:	LM	
Level:	Detail	
Usage:	Mandatory	
Max Use:	100	
Purpose:	Code to transmit standard industry codes	
Syntax Notes:	1 If LQ01 is present, then LQ02 is required.	
Semantic Notes:		
Comments:		
Notes:	*Use to identify codes, as appropriate, consistent with management information requirements.*	

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
LQ01	1270	**Code List Qualifier Code**	O ID 1/3

Code identifying a specific industry code list

0	Document Identification Code	
6	Special Contract Provision Code	

Use to indicate special contract provisions applicable to the shipment.

7	Quality Assurance Site Code

Use to indicate the quality assurance performance location.

8	Acceptance Site Code

Use to indicate the acceptance site.

9	Indicator Code

Use to indicate Fast Pay terms.

10	Transaction Status Indicator Code

Use to identify the status of supply and service shipment notices. Do not use for cancellations or corrections. Those codes will be cited in 1/BSN01/020.

14	Contract Shipment Advice Code

Use as required to identify contract shipment advice information for supply and service shipment notices.

16	Cash Discount Stipulation Code

Use to indicate that a shipment involves discount payment terms.

83	Supply Condition Code

Use to identify the supply condition of bulk petroleum shipments.

84	Management Code

Use with Defense Logistics Management System bulk petroleum shipments only.

LQ02   **1271**   **Industry Code**   **X   AN   1/20**

Code indicating a code from a specific industry code list

1. When preparing an internal Department of Defense transaction, and when LQ01 cites code 0, cite one of document identifier codes PJJ, PJR or PK5.

2. When preparing a Defense Logistics Management System destination acceptance alert, and when LQ01 is code 6, use only code A (Liquidated Damages). For others, use as many of these codes as are appropriate: A (Liquidated Damages), E (Government furnished property was part of the contract) or K (Bond bailment for DPSC clothing contracts).

3. When preparing a Defense Logistics Management System destination acceptance alert, and when LQ01 is code 7, use one of these codes: D (Destination) or S (Origin, Source).

4. When preparing a Defense Logistics Management System destination acceptance alert, and when LQ01 is code 8, use one of these codes: D (Destination) or S (Origin, Source).

5. When preparing a Defense Logistics Management System shipment performance notice, and when LQ01 is code 10, use as many of these codes as applicable: G (Ship-To code differs from contract), H (Stock number/part number differs from contract), L (MILSTRIP document number differs from contract), P (Final quantity shipped exceeds quantity variance for the cited CLIN), Q (Mark-for differs from contract), S (Two or more of the ship-to, mark-for, MILSTRIP document number do not match the contract), T (Quantity shipped exceed the on-order quantity and the stock/part number differ from the contract).

6. When preparing a Defense Logistics Management System shipment performance notice, and when LQ01 is code 14, use, as applicable only one of the codes: A (Components missing), B (Missing components furnished), C (Quantity increase), D (Quantity decrease), E (Replacement shipment), F (Shipped and held in bond at contractor's plant), G (Shipped and held as GFP), H (Shipped or performed as indicated), and Z (Underrun quantity). While multiple codes can be transmitted, only one will be converted to an 80-column record in the Defense Logistics Management System.

7. When LQ01 is code 16, use one of the following codes: D (Discount), or N (No discount).

8. When preparing a shipment notice, and when LQ01 is code 9, use the following code: F (Fast Pay).

9. Use LQ01 code 83 only for Defense Logistics Management System bulk petroleum shipments to identify the supply condition.

10. Use LQ01 code 84 only for Defense Logistics Management System bulk petroleum shipments to identify management coded data.

Segment:	**SE** Transaction Set Trailer			
Position:	020			
Loop:				
Level:	Summary			
Usage:	Mandatory			
Max Use:	1			
Purpose:	To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments).			
Syntax Notes:				
Semantic Notes:				
Comments:	**1** SE is the last segment of each transaction set.			

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	SE01	96	**Number of Included Segments**	M N0 1/10
			Total number of segments included in a transaction set including ST and SE segments	
Must Use	SE02	329	**Transaction Set Control Number**	M AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
			Cite the same number as the one cited in ST02.	